

# NAVYUG VIDYALAYA, BHAGALPUR

## CLASS-NURSERY

### TERM-1 ( SUBJECT-ENGLISH )

### QUESTION BANK

Name: \_\_\_\_\_

## Middle Sounds!

Directions: Write the letter that makes the middle sound in each word.

-0 to -3 = 3

-4 to -6 = 2

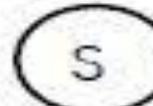
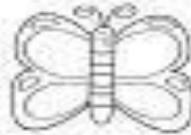
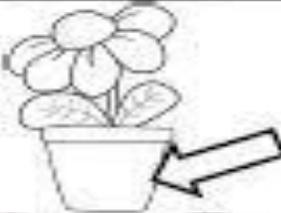
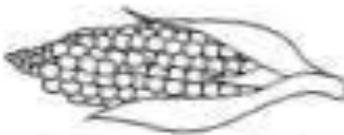
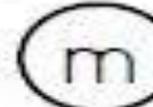
-7 to more = 1

1.  b _ g	2.  s _ n	3.  b _ ll	4.  p _ g
5.  g _ s	6.  p _ n	7.  p _ t	8.  t _ p
9.  l _ g	10.  s _ x	11.  b _ s	12.  b _ g
13.  c _ p	14.  s _ d	15.  l _ g	16.  w _ b

Name \_\_\_\_\_

# Beginning Sounds

What is the beginning sound? Color it.

Complete the words by filling in the correct phonic sound.



h e n



y k



b g



k y



p g



f x



c r



r t

## Listen for the last sound!

Look at the picture. Say each word. What sound is missing? Write it in.



pe \_\_\_\_\_



we \_\_\_\_\_



je \_\_\_\_\_



le \_\_\_\_\_



pe \_\_\_\_\_



de \_\_\_\_\_

10

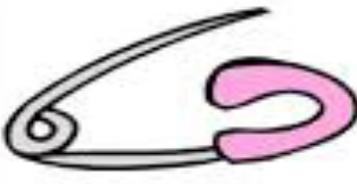
te \_\_\_\_\_



be \_\_\_\_\_

# Beginning, Middle, and Ending

Directions: Look at the pictures below. Say the words. Think about the beginning, middle, and ending sound and complete the words for each picture.

	<p>_____ p _____</p> <p>_____ p _____</p>
	<p>p _____ n _____</p> <p>_____ i n _____</p>
	<p>_____ u _____</p> <p>r _____ n _____</p>
	<p>n e _____</p> <p>n _____</p>
	<p>c a _____</p> <p>_____ a r _____</p>
	<p>_____ u b _____</p> <p>t _____ b _____</p>

**NAVYUG VIDYALAYA ,BHAGALPUR**

**CLASS - NURSERY**

**TERM -1( SUBJECT - EVS)**

**QUESTION BANK**

**Q.1**



**(a) My NAME IS \_\_\_\_\_ .**

**(b) I am a \_\_\_\_\_ .**



**(c) I love to play \_\_\_\_\_**

**(d) Colour of my hair \_\_\_\_\_**



**(e) I AM \_\_\_\_\_ YEARS OLD.**



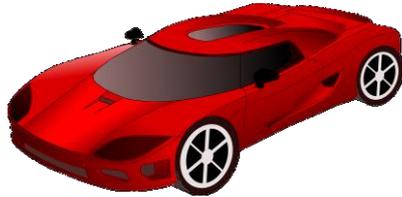
2.

MY FAVOURITS



**FRUIT**

\_\_\_\_\_



**TOY**

\_\_\_\_\_



**FOOD**

\_\_\_\_\_

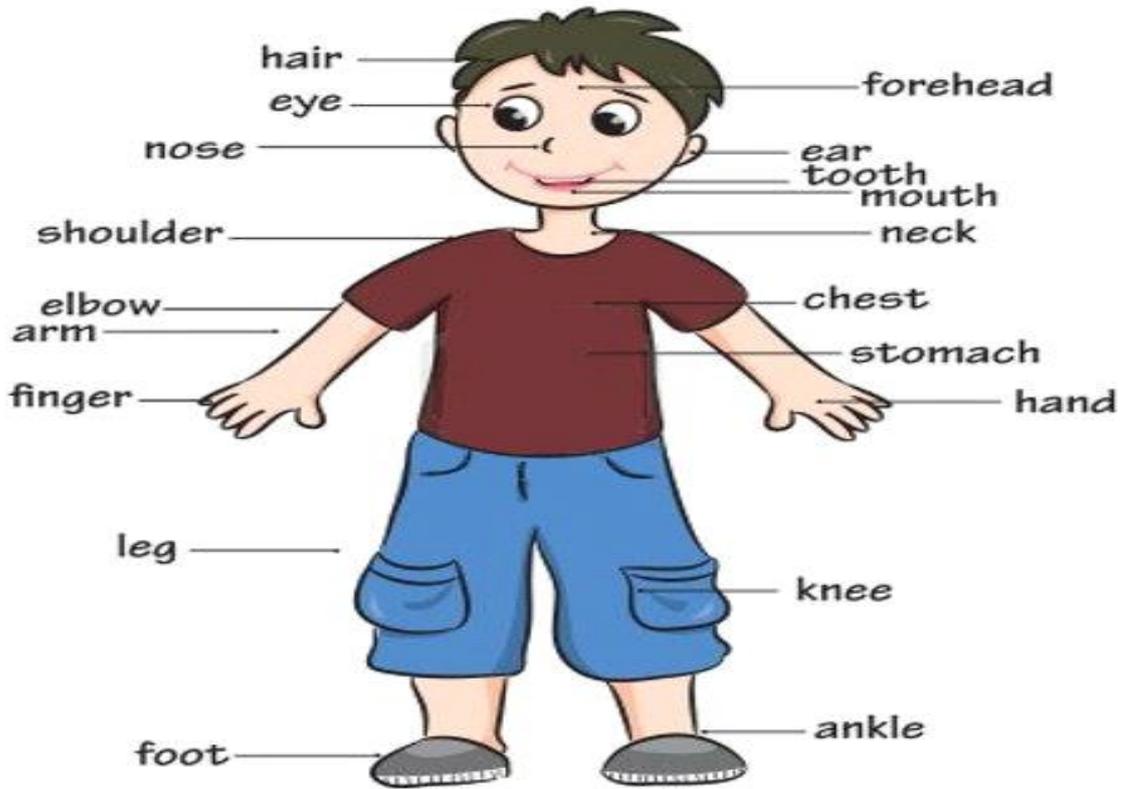


**SUBJECT**

\_\_\_\_\_

### 3. Circle the things you wear.





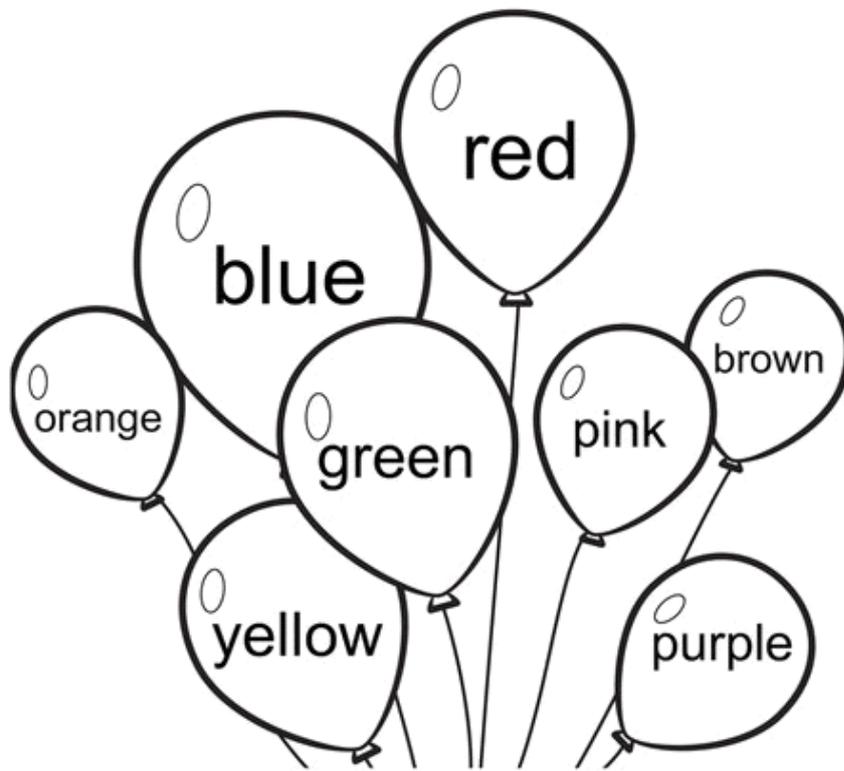
Learning English with easypacelearning.com



**CIRCLE THE THINGS YOU HAVE IN**



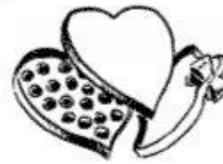
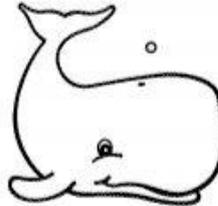
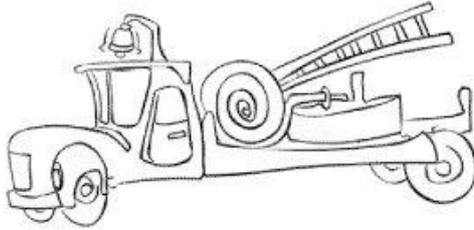
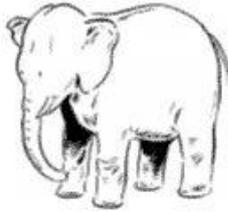
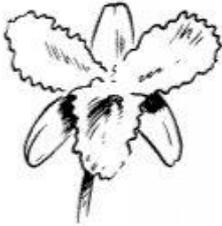
# Color the Balloons!



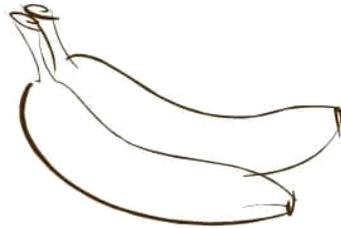
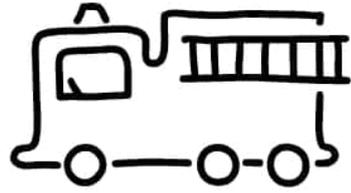
Red

Red Red Red

Color the things that are **red**.



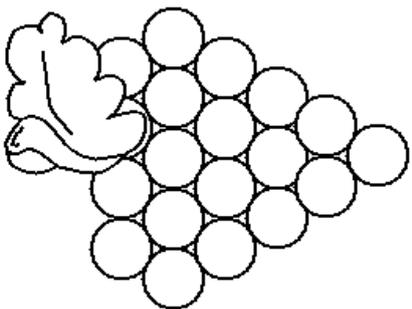
Which object is yellow?



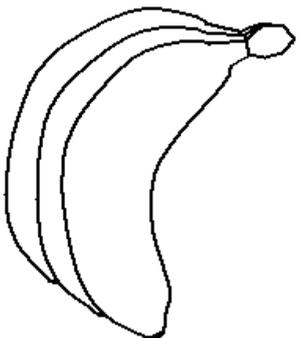
Circle the yellow objects. Color each object the relevant color.

[www.KindergartenTeacherResources.com](http://www.KindergartenTeacherResources.com)

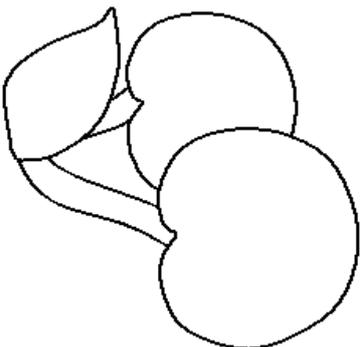




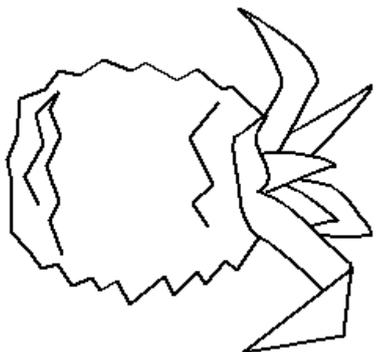
grapes



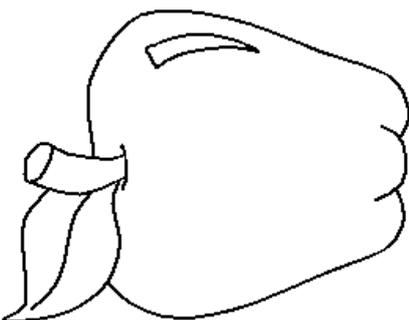
bananas



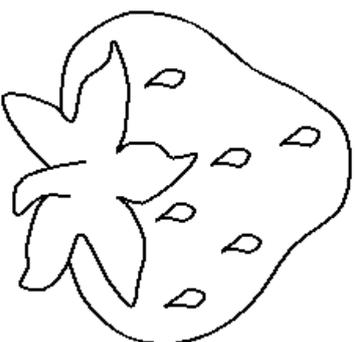
cherries



pineapple



apple



strawberry

KidZone.ws  
Itsy Bitsy Books

Free printables from:  
<http://www.kidzone.ws>

My Itsy Bitsy

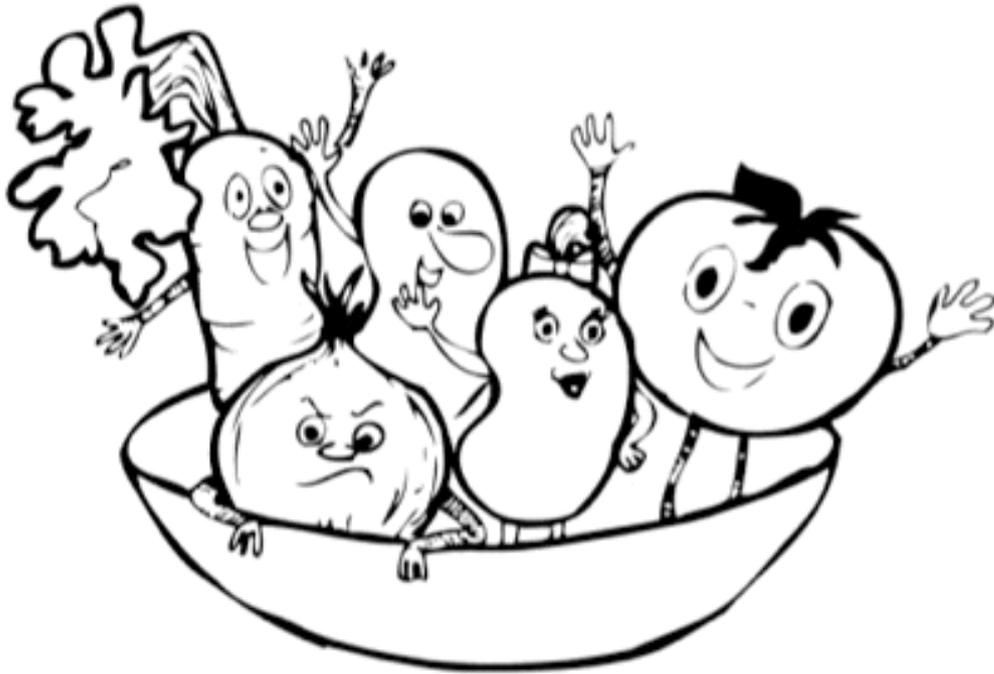
Fruits

Book

Name: \_\_\_\_\_

**MY HEALTHY FOOD FRIENDS**  
**COLOR THESE HEALTHY VEGGIES FRIENDS**

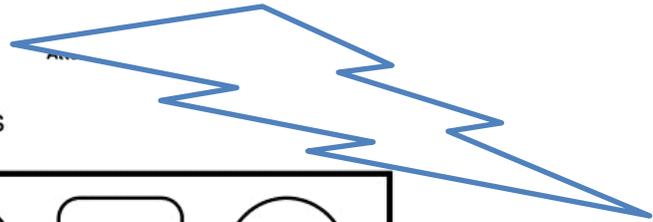
**SEE IF YOU CAN NAME EACH VEGETABLE.**



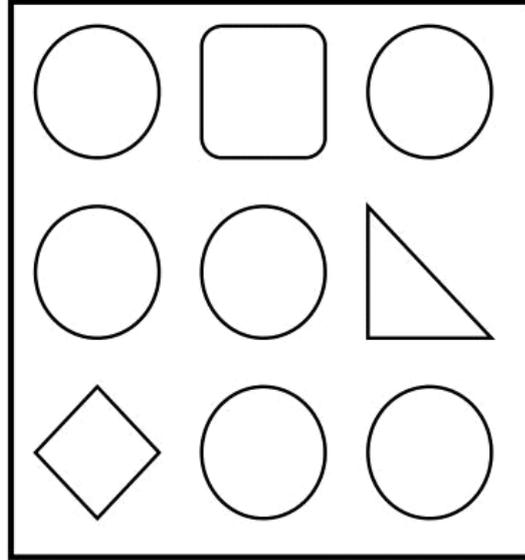
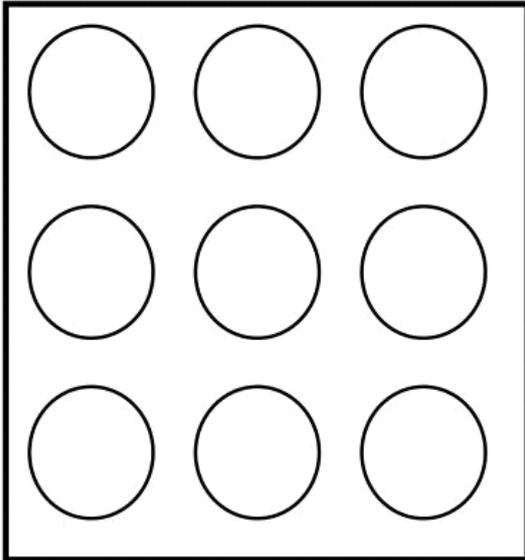
**MY FAVORITE VEGGIE FRIEND**

\_\_\_\_\_





Spot 3 differences



# NAVYUG VIDYALAYA, BHAGALPUR

CLASS-NURSERY

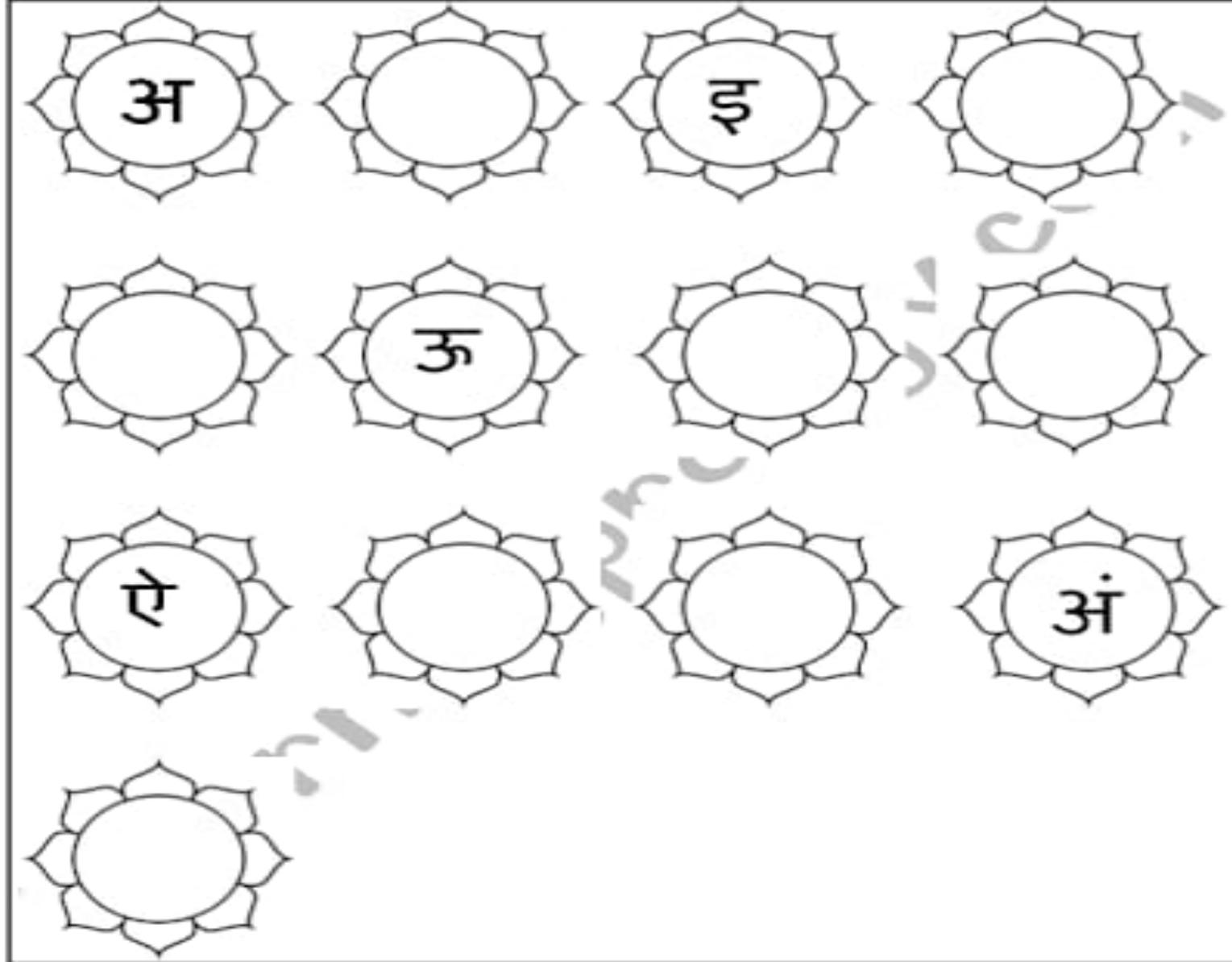
TERM-1 ( SUBJECT-HINDI )

QUESTION BANK

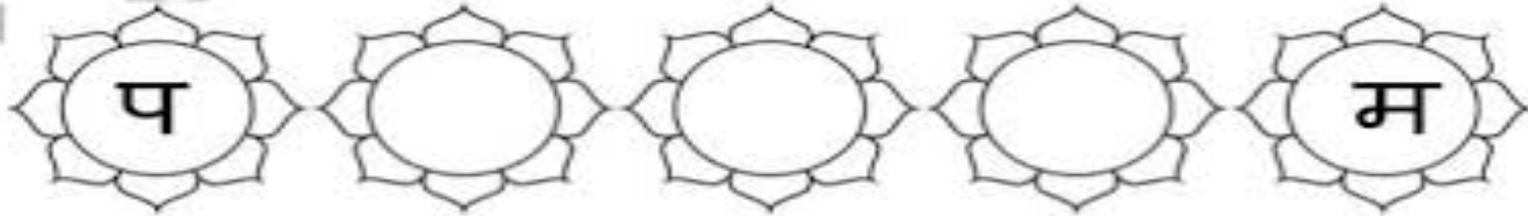
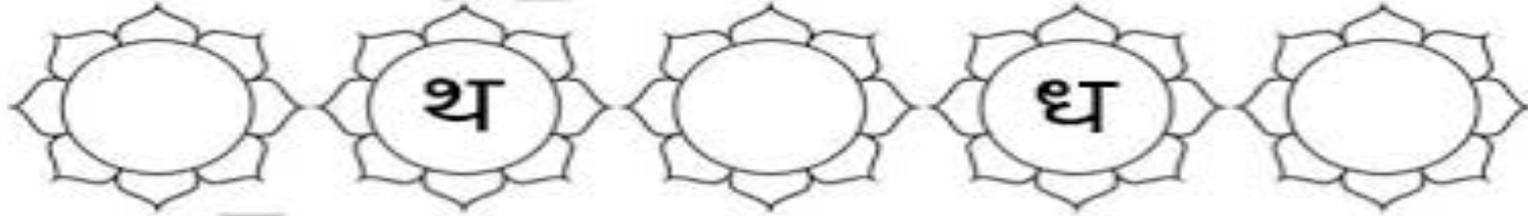
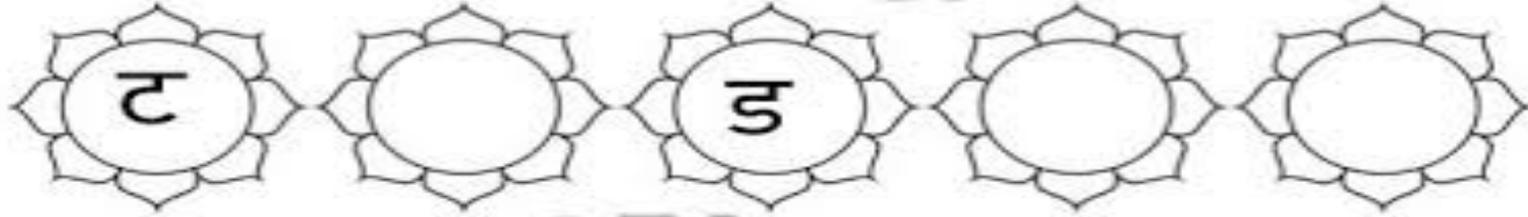
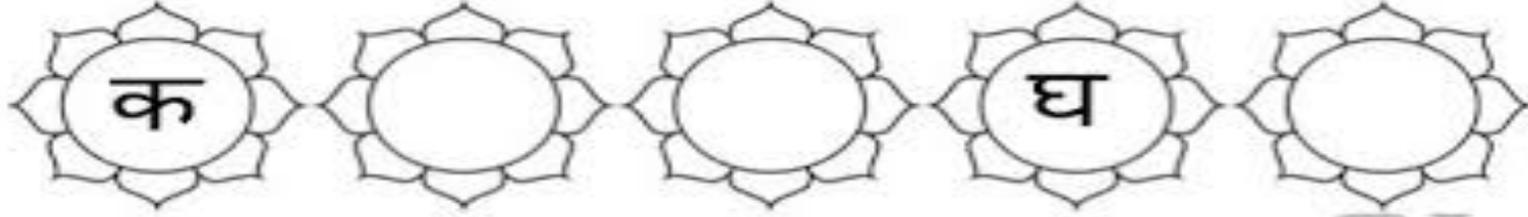
मिलान करो और चित्र में रंग भरो



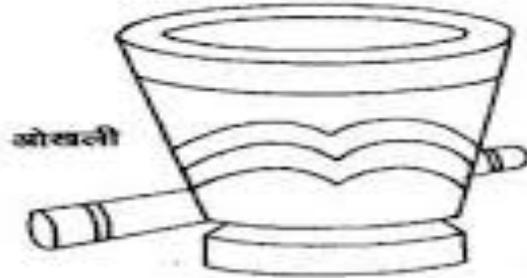
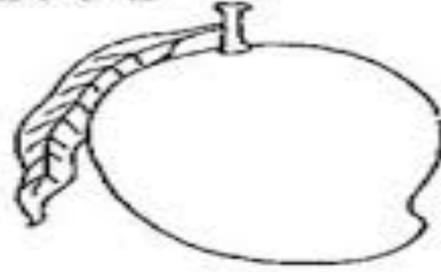
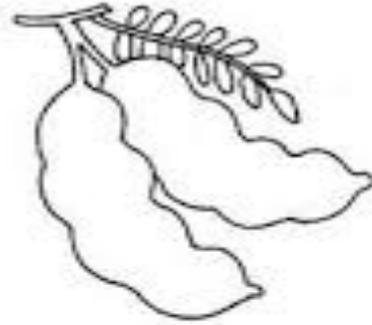
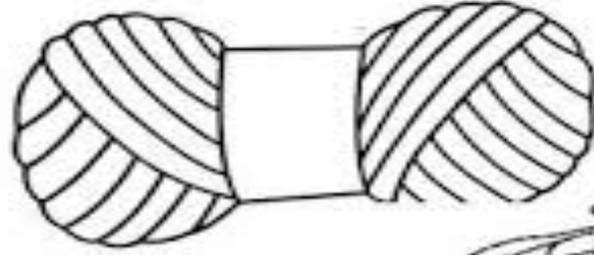
रिक्त स्थान भरो - Fill in the blanks



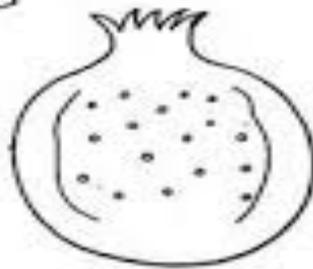
रिक्त स्थान भरो - Fill in the blanks



मिलान करो और चित्र में रंग भरो



ओखली



क

उ

ऊ

इ

आ

ओ

अ

दो अक्षर वाले अमात्रिक शब्द

नीचे दिए गए अक्षरों को जोड़कर सही शब्द बनाएं

क + र

=

त + ज

=

च + ल

=

ज + ल

=

म + त

=

ज + श

=

ष + क

=

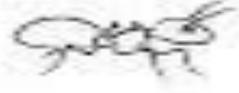
श + श

=

श + ज

=

पहचानो और मिलाओ



घड़ी

चींटी

पपीता

लड़की

सीढ़ी

बकरी

मछली

चाबी

सीटी

हाथी



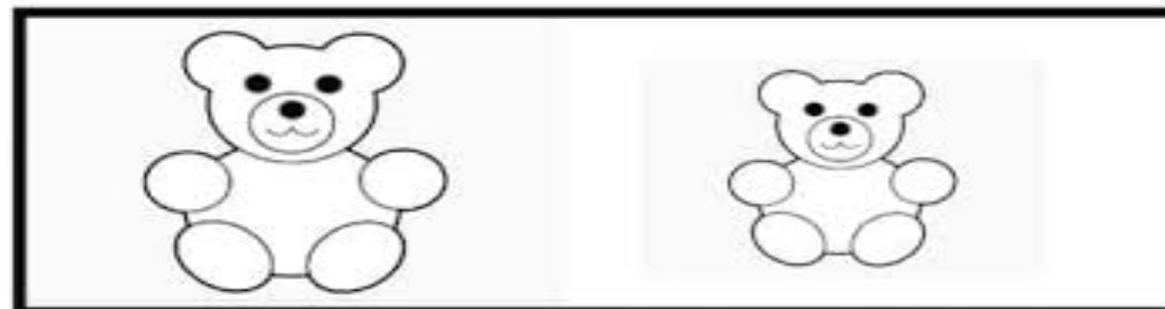
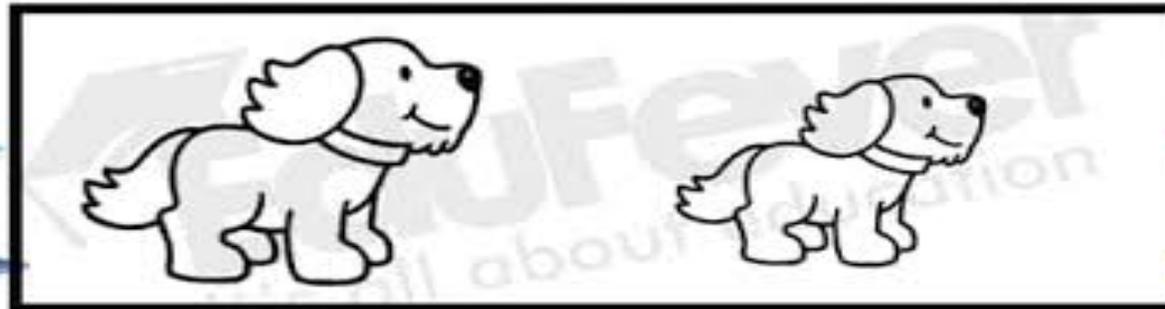
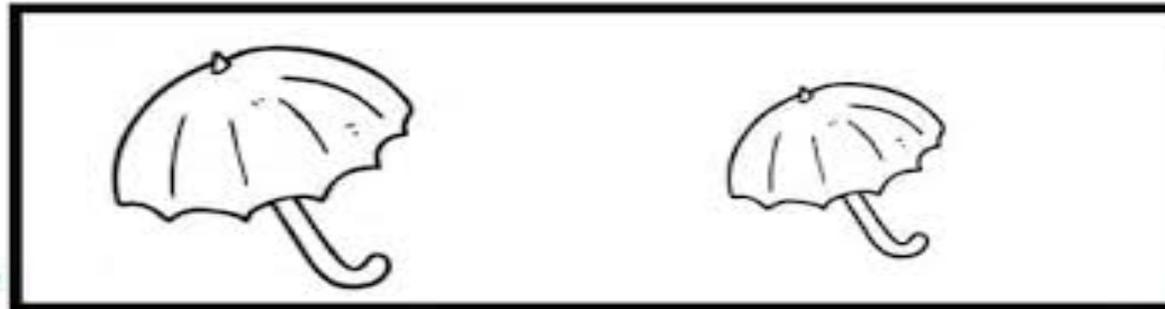
# NAVYUG VIDYALAYA, BHAGALPUR

## CLASS-NURSERY

### TERM-1 ( SUBJECT-MATHEMATICS )

### QUESTION BANK

Colour the one that is **BIGGER** and circle the one that is **SMALLER** in each set.



# CLASS 1 (MATHS) WORKSHEET

1. What comes before :

- a. \_\_\_\_\_ 25
- b. \_\_\_\_\_ 30
- c. \_\_\_\_\_ 45
- d. \_\_\_\_\_ 65

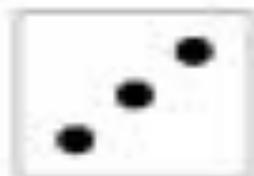
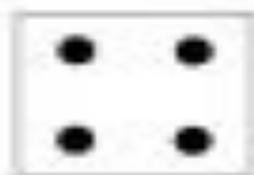
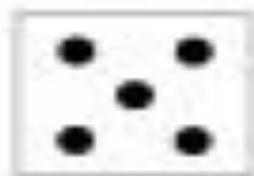
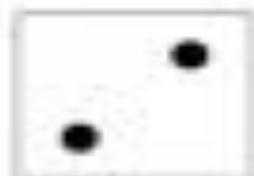
2. What comes after:

- a. 10 \_\_\_\_\_
- b. 35 \_\_\_\_\_
- c. 43 \_\_\_\_\_
- d. 9 \_\_\_\_\_

3. What comes between :

- a. 55 \_\_\_\_\_ 57
- b. 20 \_\_\_\_\_ 22
- c. 40 \_\_\_\_\_ 42
- d. 19 \_\_\_\_\_ 21

# Count and Match.



5

4

2

3

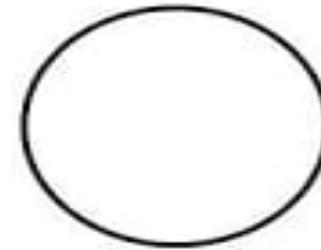
6

1

# Match the shapes to the names

Draw a line to match the name to the shape

Triangle



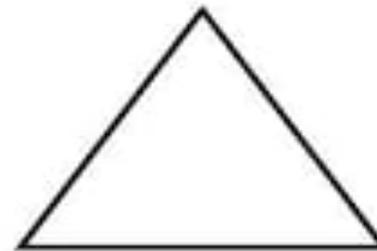
Circle



Square



Rectangle

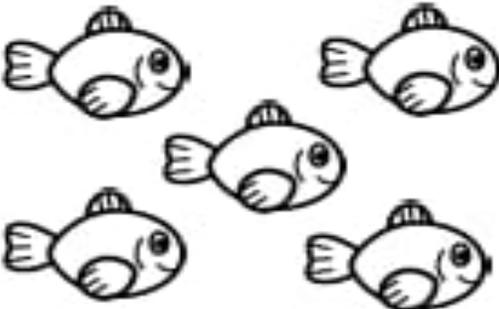
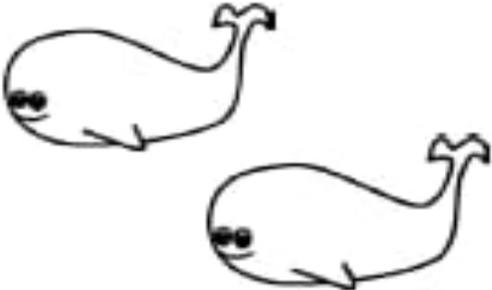
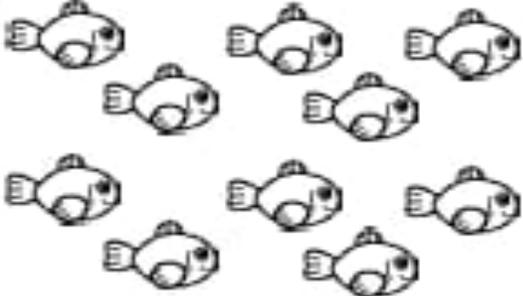
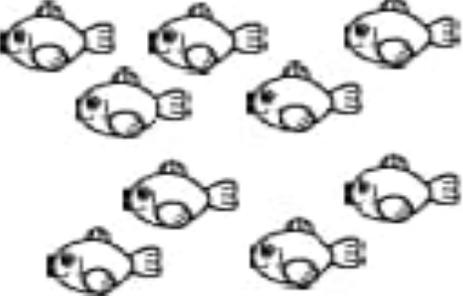


# By The Sea

Name \_\_\_\_\_

## How Many?

Count the pictures and write the number.

 <input type="text" value="4"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>



Name \_\_\_\_\_

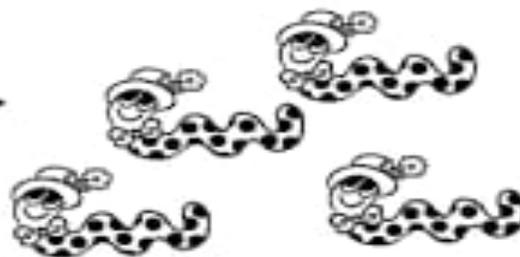
Count the number of pictures and write the number below the pictures.

1.



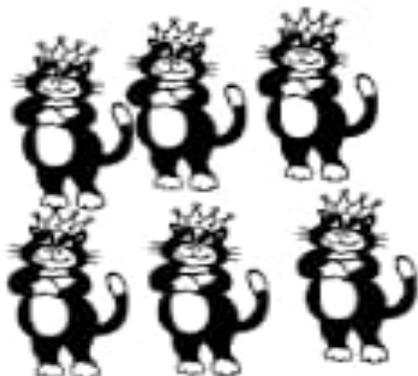
Answer: \_\_\_\_\_

2.



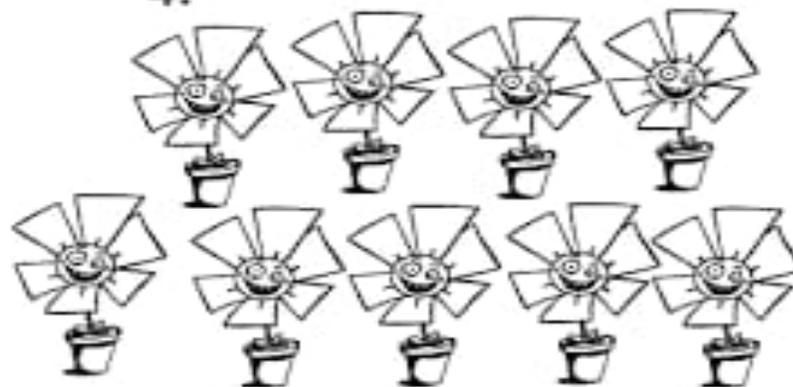
Answer: \_\_\_\_\_

3.



Answer: \_\_\_\_\_

4.



Answer: \_\_\_\_\_

# NAVYUG VIDYALAYA, BHAGALPUR

CLASS-KG

TERM-1 ( SUBJECT-ENGLISH )

QUESTION BANK

Name: \_\_\_\_\_

## Middle Sounds!

Directions: Write the letter that makes the middle sound in each word.

-0 to -3 = 3

-4 to -6 = 2

-7 to more = 1

1.  b _ g	2.  s _ n	3.  b _ ll	4.  p _ g
5.  g _ s	6.  p _ n	7.  p _ t	8.  t _ p
9.  l _ g	10.  s _ x	11.  b _ s	12.  b _ g
13.  c _ p	14.  s _ d	15.  l _ g	16.  w _ b

die lies pie tie friend

1. Do not tell \_\_\_\_\_ to us.

2. Water the plant or it will \_\_\_\_\_



3. He ate a slice of \_\_\_\_\_.

4. I will \_\_\_\_\_ a bow on the gift.



5. I like to visit my best \_\_\_\_\_.

cried lied tied dried fried

1. She \_\_\_\_\_ her shoe laces.

2. He \_\_\_\_\_ about his age.

3. I \_\_\_\_\_ my hands.

4. Dad \_\_\_\_\_ the meat.

5. The baby \_\_\_\_\_ for his milk.



Look at the words in the box.

ball	girl	fish	man
house	pig	nine	



Read the sentences for the picture.  
Choose the correct word for each sentence.

1. It is a \_\_\_\_\_.



2. I can see a big \_\_\_\_\_.



3. Please come to my \_\_\_\_\_.



4. She is a \_\_\_\_\_.



5. The number is \_\_\_\_\_.



6. The \_\_\_\_\_ is in the van.



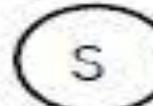
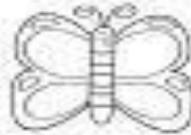
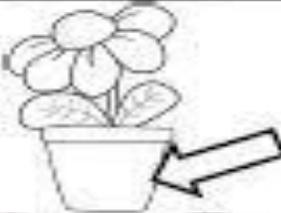
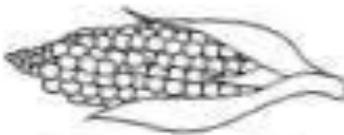
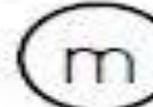
7. My \_\_\_\_\_ is pink.



Name \_\_\_\_\_

# Beginning Sounds

What is the beginning sound? Color it.

# Long "e" Words

Complete each sentence with a long e word from the word box.

leaf	team	be	dreams	money
sheep	cheeks	meal	Pete	Amy

When I try to sleep, I count \_\_\_\_\_.

I had very sweet \_\_\_\_\_.

My younger sister is \_\_\_\_\_.

I don't like to \_\_\_\_\_ cold at night.

Lunch is my favorite \_\_\_\_\_.

I found a bright green \_\_\_\_\_ on the step.

My older brother's name is \_\_\_\_\_.

I found a wallet full of \_\_\_\_\_.

Yesterday, I joined the soccer \_\_\_\_\_.

My aunt likes to pinch my \_\_\_\_\_.



Complete the words by filling in the correct phonic sound.



h e n



y k



b g



k y



p g



f x



c r



r t

## Listen for the last sound!

Look at the picture. Say each word. What sound is missing? Write it in.



pe \_\_\_\_\_



we \_\_\_\_\_



je \_\_\_\_\_



le \_\_\_\_\_



pe \_\_\_\_\_



de \_\_\_\_\_

10

te \_\_\_\_\_



be \_\_\_\_\_

# Beginning, Middle, and Ending

Directions: Look at the pictures below. Say the words. Think about the beginning, middle, and ending sound and complete the words for each picture.

	<p>_____ p _____</p> <p>_____ p _____</p>	<p>_____ m _____</p> <p>_____ p _____</p>
	<p>p _____ n _____</p> <p>_____ in _____</p>	
	<p>_____ u _____</p> <p>r _____ n _____</p>	
	<p>ne _____</p> <p>n _____</p>	
	<p>ca _____</p> <p>_____ ar _____</p>	
	<p>_____ ub _____</p> <p>t _____ b _____</p>	

**NAVYUG VIDYALAYA ,BHAGALPUR**

**CLASS - KG**

**TERM -1( SUBJECT - EVS)**

**QUESTION BANK**

**Q.1**



**(a) My NAME IS \_\_\_\_\_ .**

**(b) I am a \_\_\_\_\_ .**



**(c) I love to play \_\_\_\_\_**

**(d) Colour of my hair \_\_\_\_\_**

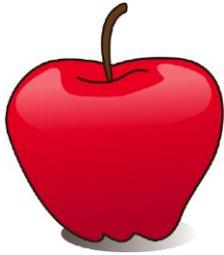


**(e) I AM \_\_\_\_\_ YEARS OLD.**



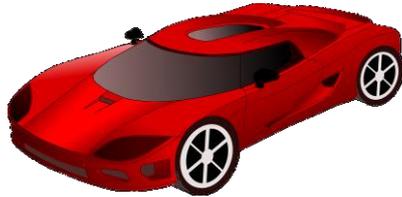
2.

MY FAVOURITS



FRUIT

\_\_\_\_\_



TOY

\_\_\_\_\_



FOOD

\_\_\_\_\_



SUBJECT

\_\_\_\_\_

**MAKE A TICK FOR THE THINGS YOU DO EVERYDAY**



How are you today?

Emotions



I am not good. I am sad.

\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

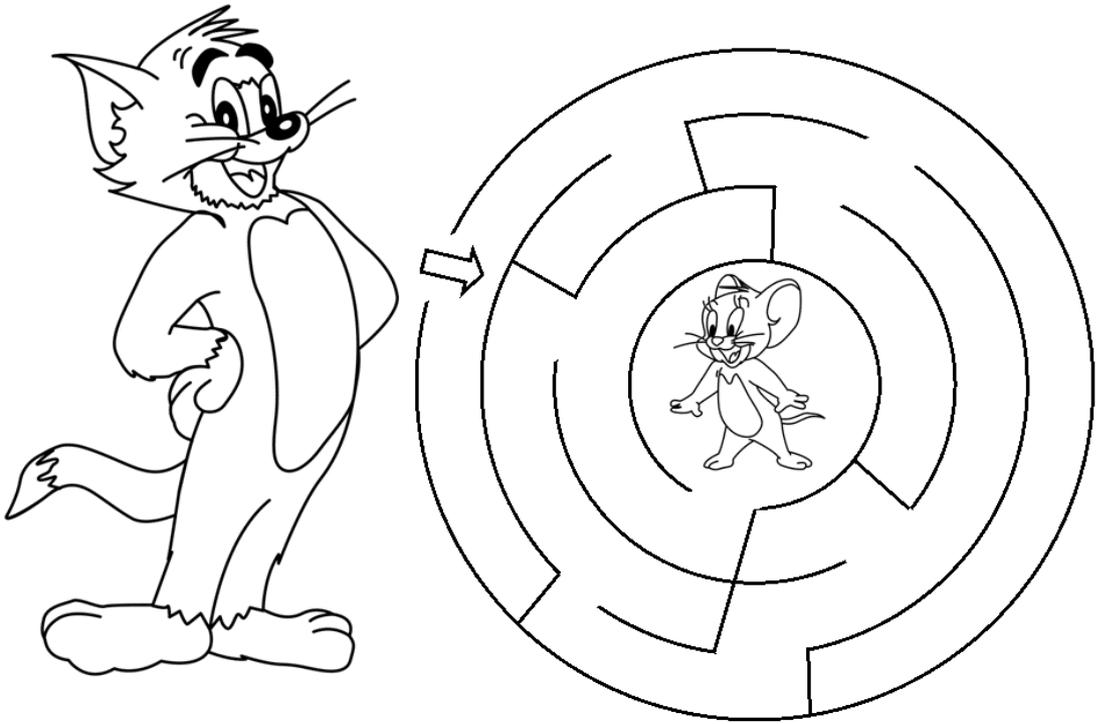
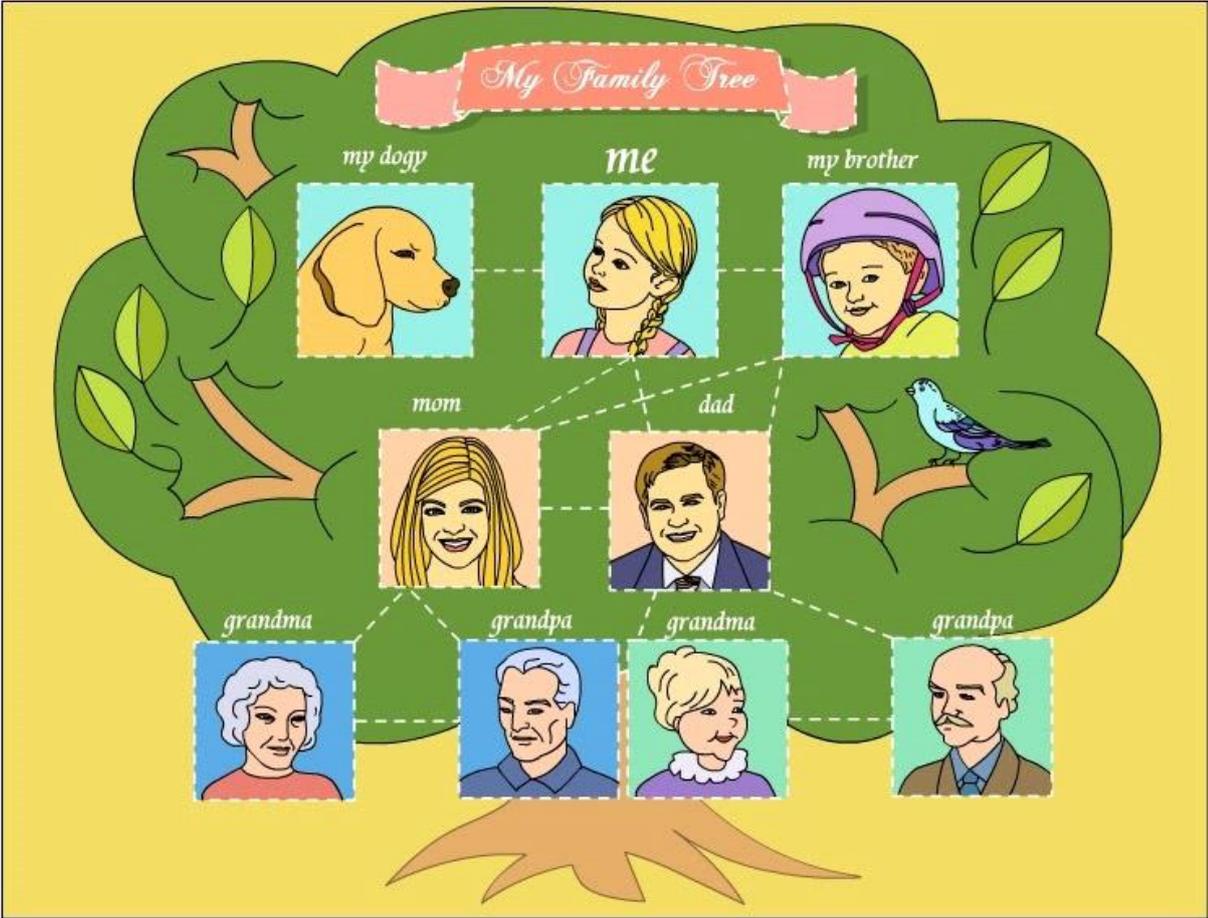


\_\_\_\_\_



\_\_\_\_\_

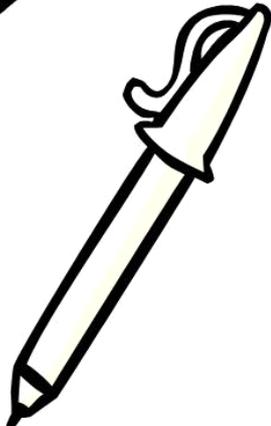
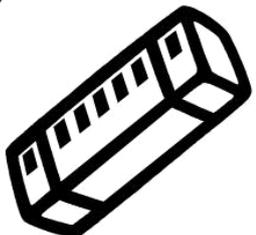
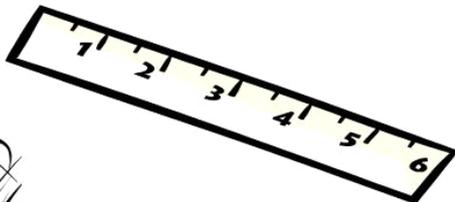
in love	sad	sick
happy		angry



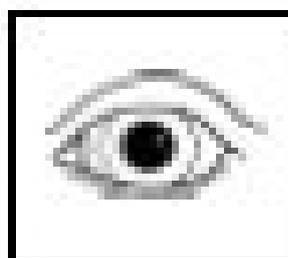
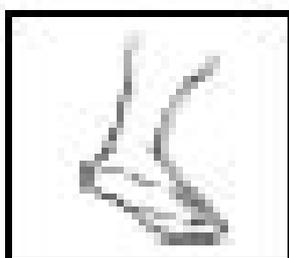
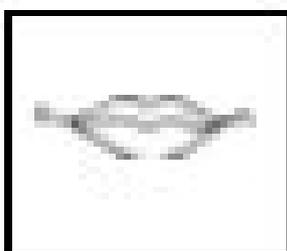
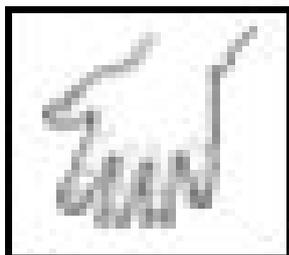
### 3. Circle the things you wear.



Circle the things you see in your bag



Match the correct verb to go with the picture



smell

see

touch

eat

walk

smell

hear

clap

run

# WRITE DOWN THE NAME

He hears from his \_\_\_\_\_.



He touches with his \_\_\_\_\_.



He sees with his \_\_\_\_\_.



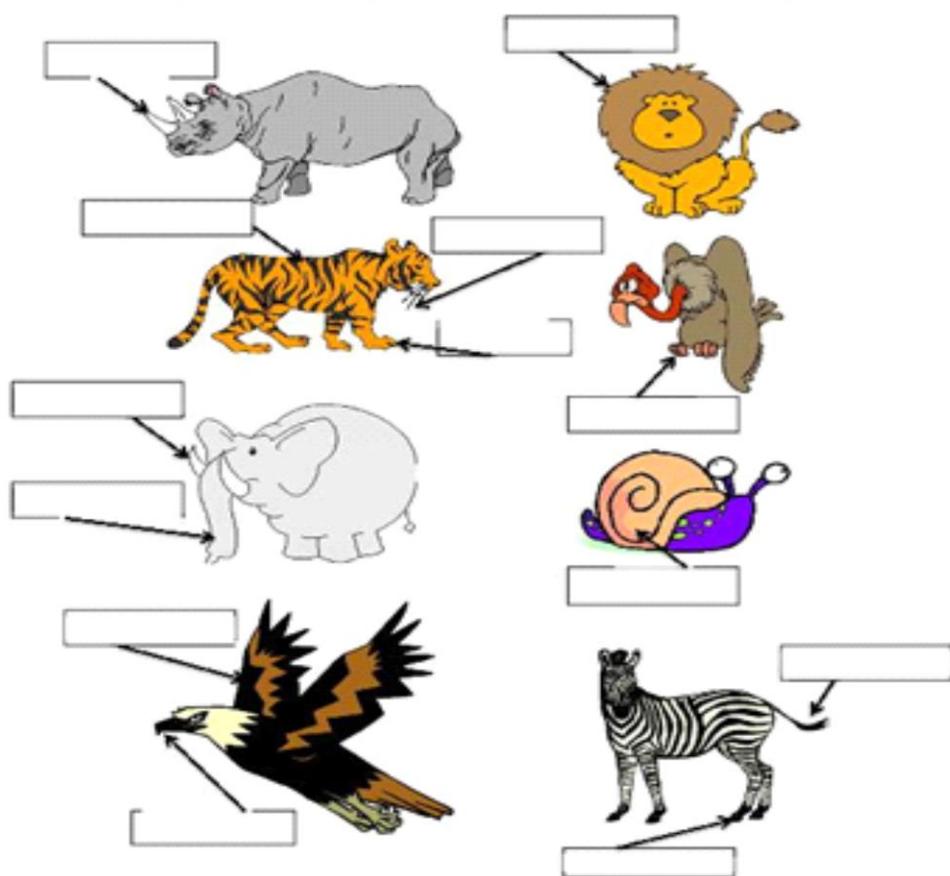
He smells with his \_\_\_\_\_.



He tastes with his \_\_\_\_\_.



## ANIMALS BODY PARTS

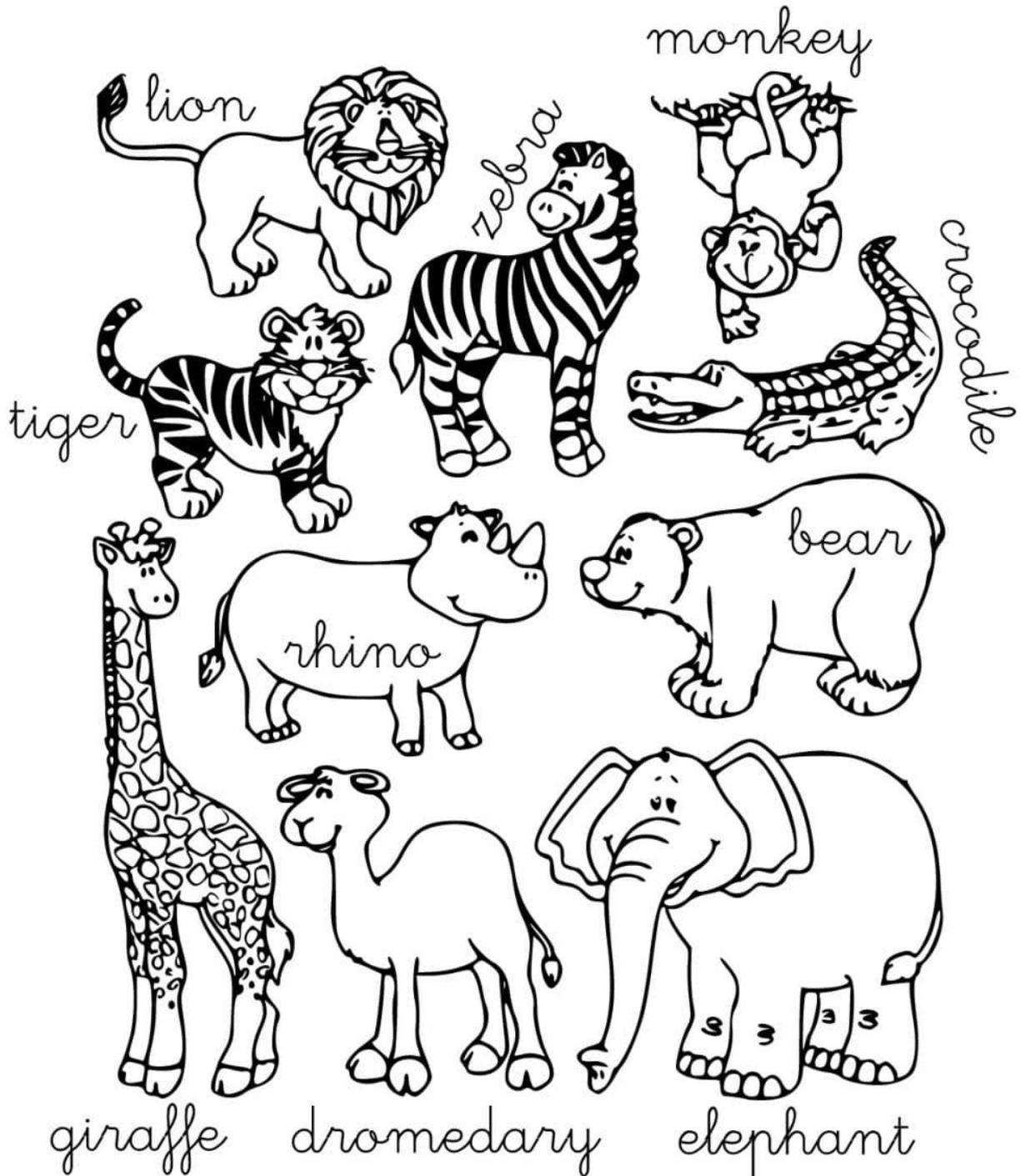


WRITE THE FOLLOWING WORDS IN THE SPACES PROVIDED

beak - tail - shell - wing - tusk - hoof -

coat - claw - paw - mane - trunk - whiskers - horn

# Animals

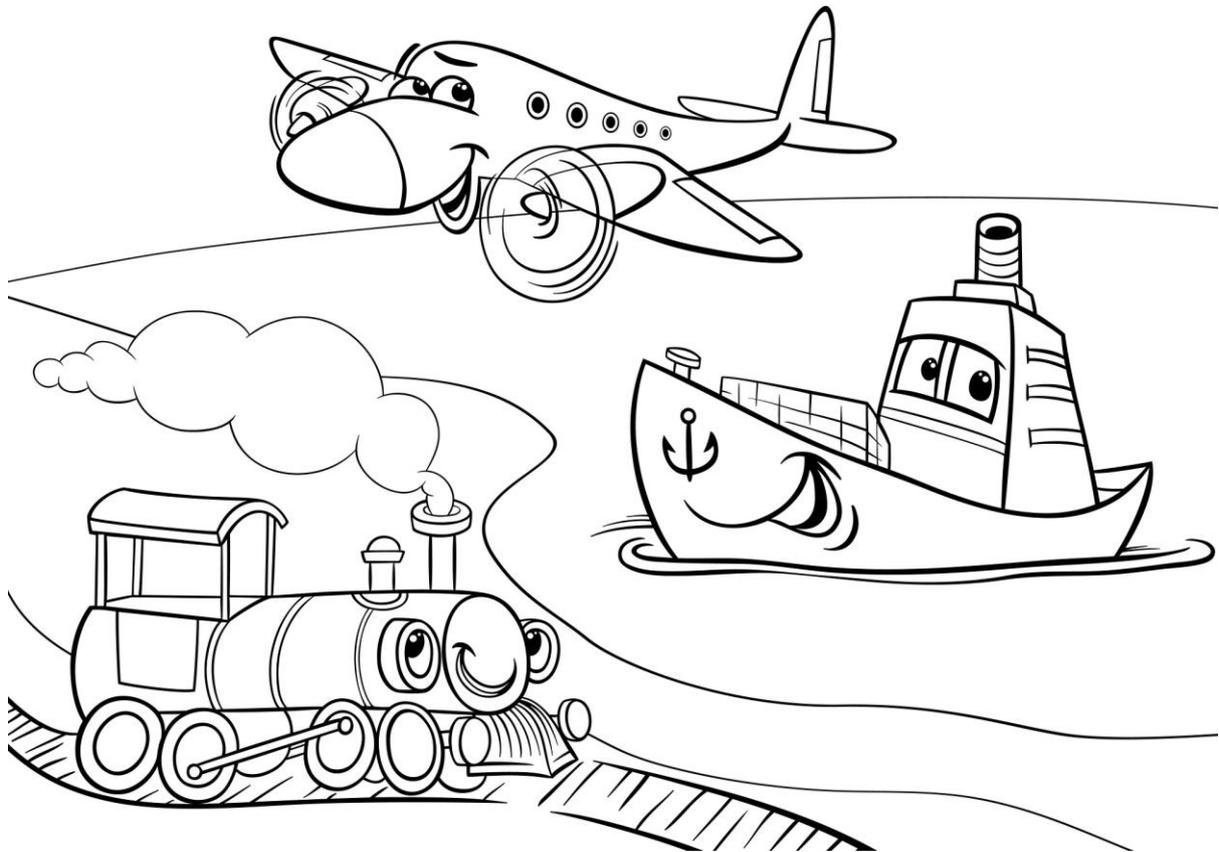




# Means of transportation

Click to listen. Then  
drag and drop the  
names.

- Bicycle
- Car
- Motorbike
- Truck
- Ship
- Van
- Train
- Plane
- Ambulance
- Taxi
- Helicopter
- Bus



# Write down the name

Land		Air		Water
				
				
				
				

**Weather Draw!** My name is \_\_\_\_\_

## How's the weather?

		
<b>It's cloudy</b>	<b>It's sunny</b>	<b>It's windy</b>
<b>It's rainy</b>	<b>It's snowy</b>	<b>It's fine</b>
<b>It's hot</b>	<b>It's cold</b>	

# NAVYUG VIDYALAYA, BHAGALPUR

CLASS-KG

TERM-1 ( SUBJECT-HINDI )

QUESTION BANK

## तीन अक्षर वाले शब्दों का अभ्यास करें

ब + ह्य + न = .....

प + ह्य + न = .....

स + ह्य + न = .....

ब + द्य + न = .....

म + द्य + न = .....

भ + ज + न = .....

प + व + न = .....

न + य + न = .....

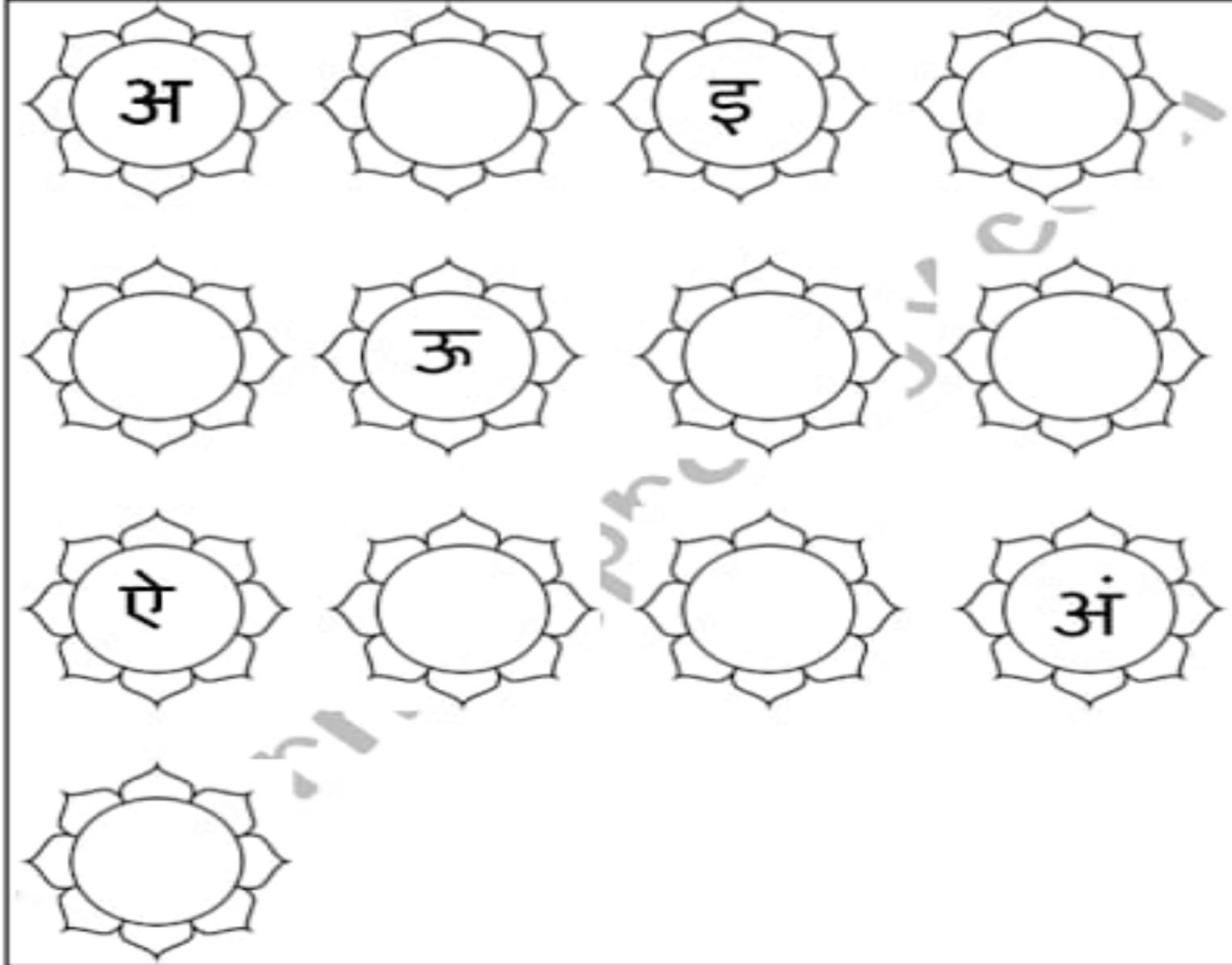
अ + ग + र = .....

म + ग + र = .....

## दो अक्षर वाले शब्दों का अभ्यास करें

ब	+	न	=	.....
अ	+	ब	=	.....
ब	+	स	=	.....
क	+	र	=	.....
घ	+	र	=	.....
च	+	ल	=	.....
म	+	त	=	.....
ल	+	ङ	=	.....
व	+	न	=	.....
छ	+	त	=	.....

रिक्त स्थान भरो - Fill in the blanks



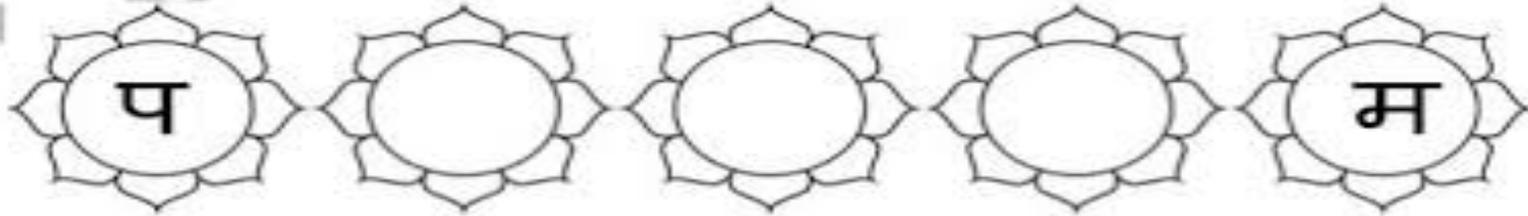
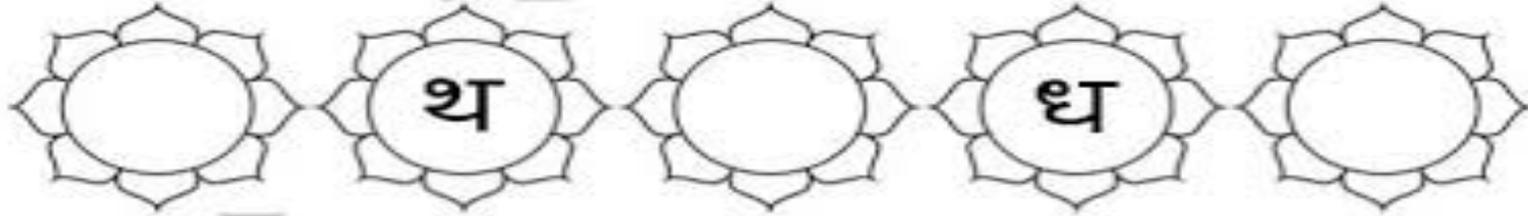
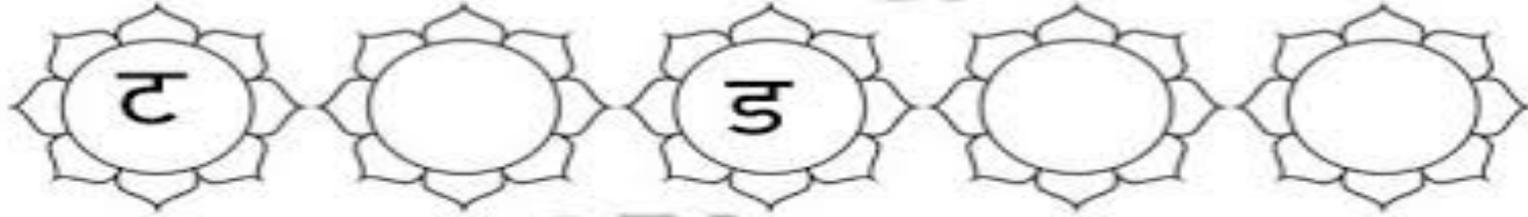
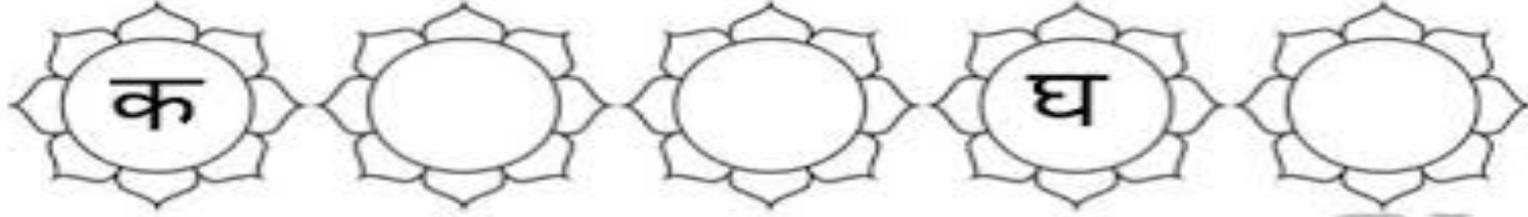
नाम:-

दिनांक:-

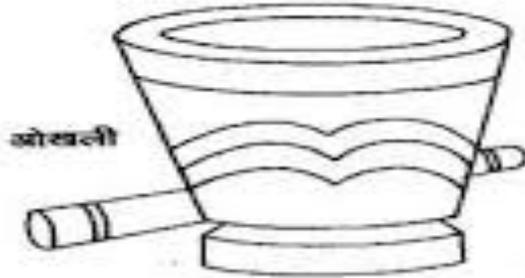
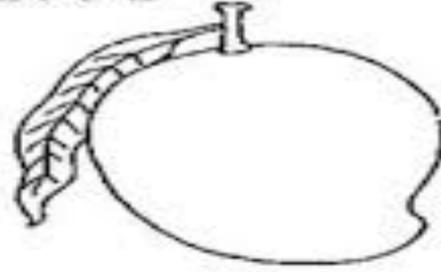
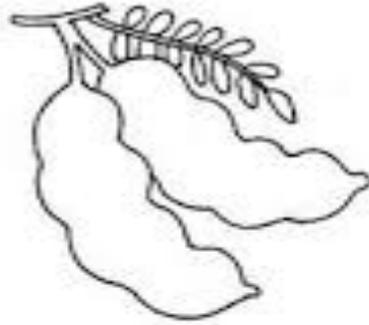
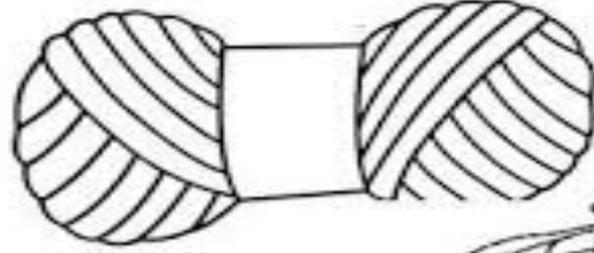
मिलान करो और चित्र में रंग भरो



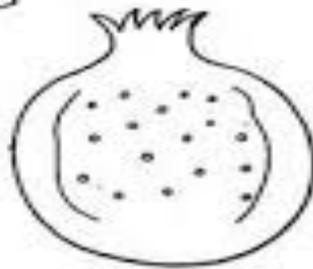
रिक्त स्थान भरो - Fill in the blanks



मिलान करो और चित्र में रंग भरो



ओखली



क

उ

ऊ

इ

आ

ओ

अ

दो अक्षर वाले अमात्रिक शब्द

नीचे दिए गए अक्षरों को जोड़कर सही शब्द बनाएं

क + र

=

त + ज

=

च + ल

=

ज + ल

=

म + त

=

ज + श

=

ष + क

=

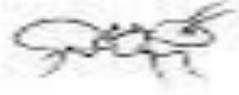
श + स

=

श + ज

=

पहचानो और मिलाओ



घड़ी

चींटी

पपीता

लड़की

सीढ़ी

बकरी

मछली

चाबी

सीटी

हाथी



# NAVYUG VIDYALAYA, BHAGALPUR

CLASS-KG

TERM-1 ( SUBJECT-MATHEMATICS )

QUESTION BANK

## Adding 1-Digit Numbers (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Calculate each sum.

$$\begin{array}{r} 95 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ + 4 \\ \hline \end{array}$$

### Complete the Skip Counting Series

- 1) 2, 4, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 2) 3, 6, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 3) 4, 8, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 4) 10, 15, 20, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 5) 20, 30, 40, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 6) 0, 100, 200, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 7) 50, 75, 100, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 8) 12, 18, 24, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 9) 14, 21, 28, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- 10) 30, 45, 60, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

# CLASS 1 (MATHS) WORKSHEET

1. What comes before :

- a. \_\_\_\_\_ 25
- b. \_\_\_\_\_ 30
- c. \_\_\_\_\_ 45
- d. \_\_\_\_\_ 65

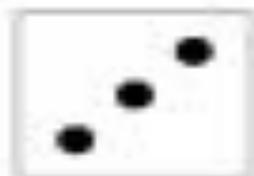
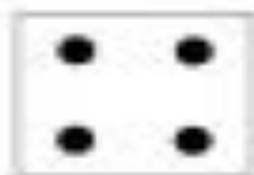
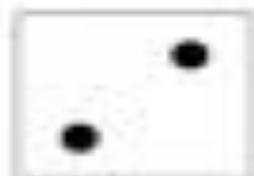
2. What comes after:

- a. 10 \_\_\_\_\_
- b. 35 \_\_\_\_\_
- c. 43 \_\_\_\_\_
- d. 9 \_\_\_\_\_

3. What comes between :

- a. 55 \_\_\_\_\_ 57
- b. 20 \_\_\_\_\_ 22
- c. 40 \_\_\_\_\_ 42
- d. 19 \_\_\_\_\_ 21

# Count and Match.



5

4

2

3

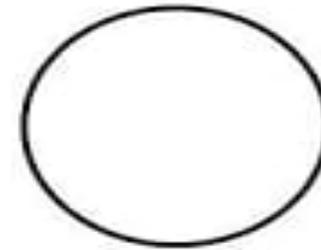
6

1

# Match the shapes to the names

Draw a line to match the name to the shape

Triangle



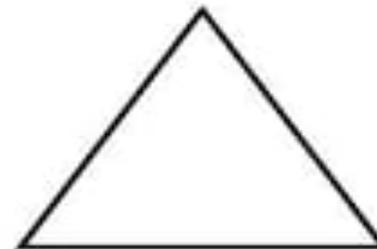
Circle



Square



Rectangle

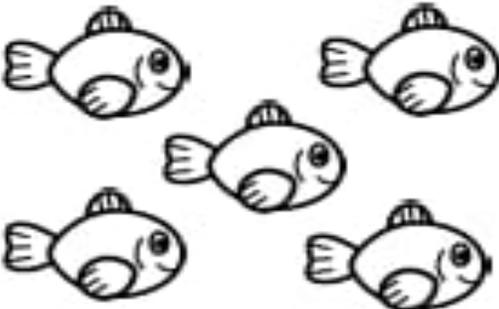
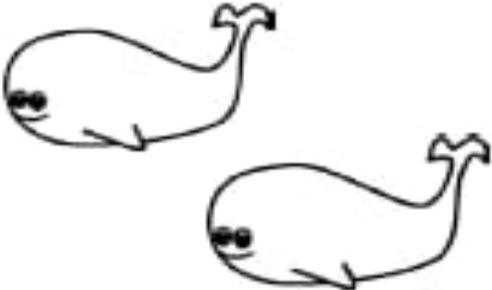
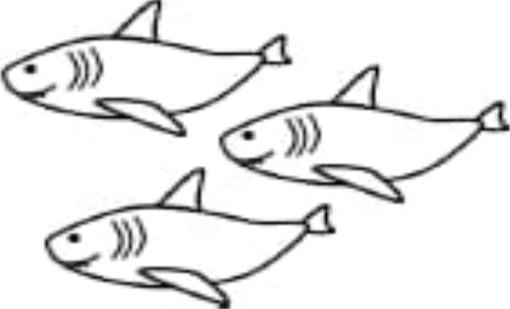
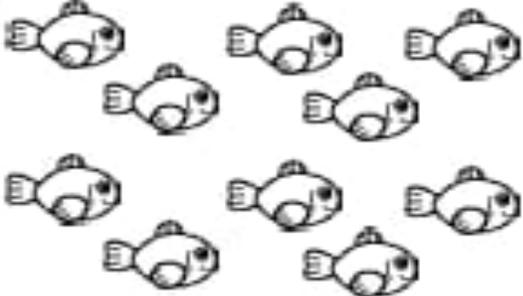
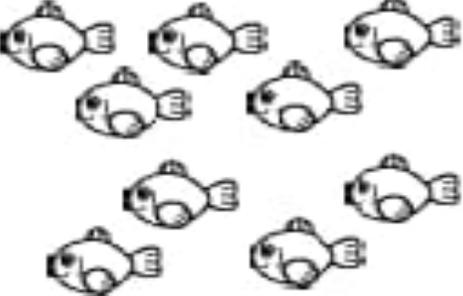


# By The Sea

Name \_\_\_\_\_

## How Many?

Count the pictures and write the number.

 <input type="text" value="4"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>	 <input type="text"/>



Name \_\_\_\_\_

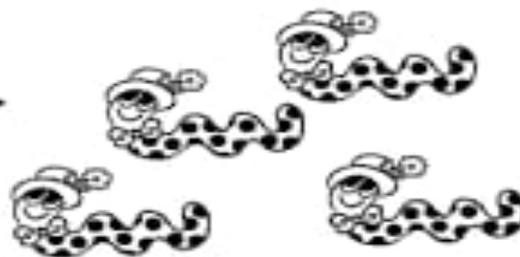
Count the number of pictures and write the number below the pictures.

1.



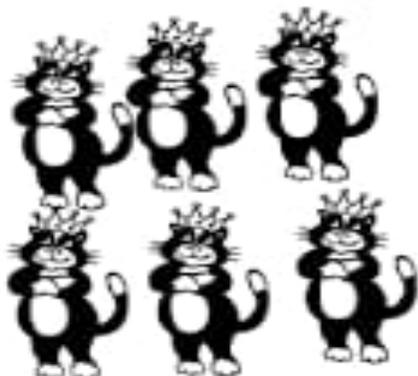
Answer: \_\_\_\_\_

2.



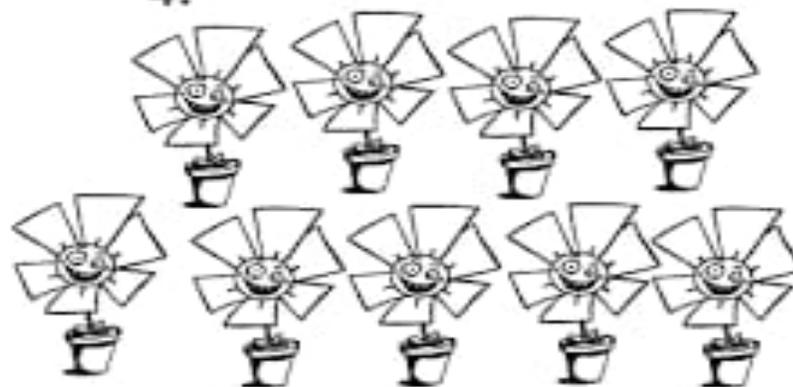
Answer: \_\_\_\_\_

3.



Answer: \_\_\_\_\_

4.

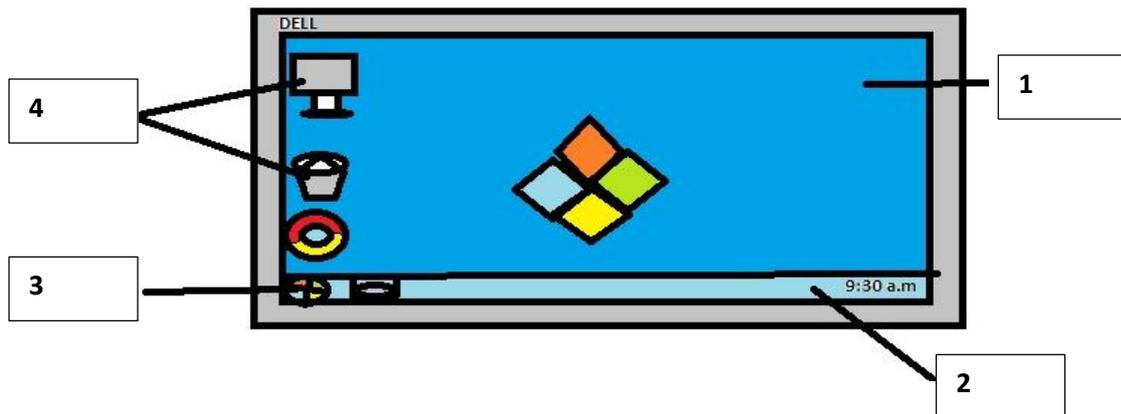


Answer: \_\_\_\_\_

## Question Bank (Class 1)

### Computer

I. With reference to the picture given below, answer the questions that follows: -



Q1) Label the parts from 1 to 4.

Q2) Define –

- desktop

- taskbar

Q3) What are the different elements of the taskbar?

Q4) Name the menu that appears on clicking the Start button.

Q5) Write down the steps to turn off the computer.

### II. Answer the following questions: -

Q1) Who is known as the “Father of the Computer”.

Q2) What is the full form of VDU?

Q3) Write down the steps to turn on the computer?

Q4) Why is it not necessary to switch off the power button on the CPU after shutting down the computer?

Q5) Give the other name for “shut down”.

## Question Bank (English)

Class-1

### Reading Skill

I. Read the passage given below and answer the questions that follows: -

My name is Rosie. My online class starts at 8:30 in the morning. It starts with a morning assembly. My teachers play video to make us understand things. I enjoy my English class a lot. My online class ends at 12:30 in the afternoon. I mail my homework to my teachers every Sunday. I miss my school and I wish this Pandemic to get over soon so that we can get back to our normal routine.

Answer the questions that follows: -

Q1) When does the online class start?

Q2) When does the online class end?

Q3) Make Sentences with the words underlined in the passage.

Q4) The online classes Starts with a –

- dance class
- assembly

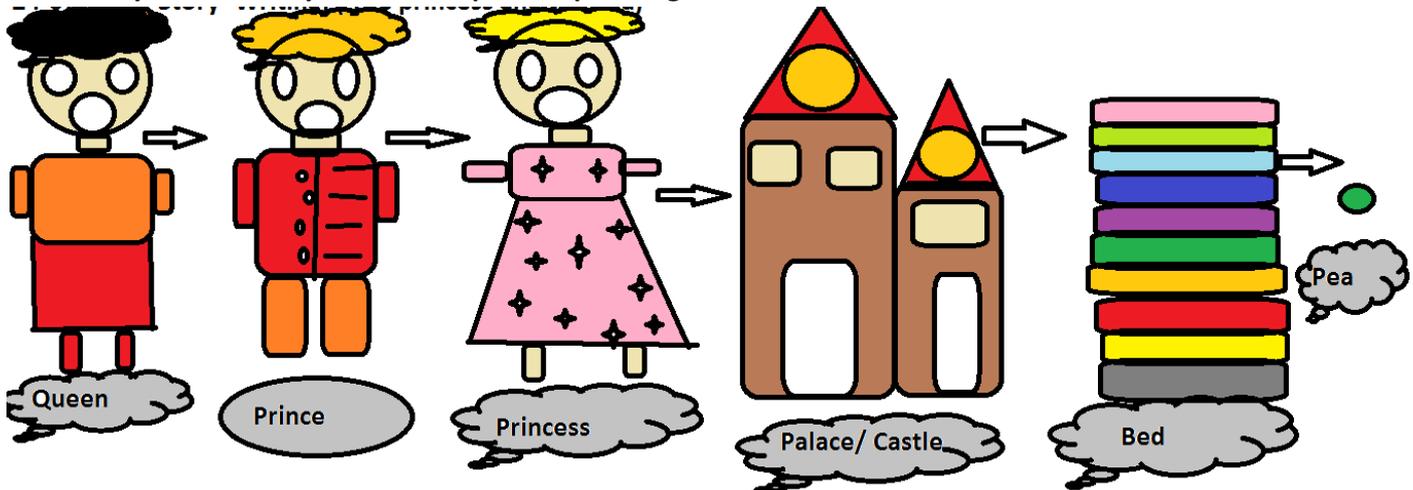
Q5) Rosie enjoys the \_\_\_\_\_ class a lot.

- English
- Hindi

### Writing Skill

II. Write a paragraph on your" favourite fruit" describing the benefits of that fruit.

III. Create your own story with the help of the picture given below: -



(Write an appropriate title to the given story)

English Language

IV. Write the rhyming of the given words: -

- a) coat-
- b) cat-
- c) book-
- d) bug-
- e) car-

English Literature

Q1) Why must Tina get up at 6 O' clock?

Q2) Where do children wait for the school bus?

Q3) When do the children get down from the bus?

Q4) What kind of goose did the farmer had?

Q5) How did the farmer get rich?

Note- Write in a neat handwriting

# QUESTION BANK

## Class – 1

### EVS

1) Fill in the blanks:

- a) The \_\_\_\_\_ is the largest organ of human body.
- b) We all live with our \_\_\_\_\_.
- c) We go to a \_\_\_\_\_ when we are sick.
- d) A \_\_\_\_\_ helps take care of gardens.
- e) Guru Granth Sahib is the holy book of the \_\_\_\_\_.
- f) India is a land of \_\_\_\_\_.
- g) \_\_\_\_\_ is celebrated on 2 October.
- h) Our national flag has \_\_\_\_\_ colours.
- i) \_\_\_\_\_ food makes us fit and strong.
- j) We wear cotton clothes in \_\_\_\_\_.

2) Write the correct dates for the following national holidays.

- a) Independence Day -
- b) Republic Day -
- c) Gandhi Jayanti -

3) Guess the professions of the following helpers from their uniforms.

a)



b)



c)



4) Unscramble the jumbled-up words and fill in the blanks.

- a) Fruits, vegetables, pulses and cereals come from \_\_\_\_\_.  
(NSTPLA)
- b) Different clothes are worn in different \_\_\_\_\_. (ONSSEAS)
- c) Children studying in school wear \_\_\_\_\_. (MSORFINU)
- d) We wear our best clothes to \_\_\_\_\_. (STIEPAR)
- e) Earlier farming was done using \_\_\_\_\_. (NDSHA)

5) Guess who/what I am?

- a) I save people's lives by putting out fires in the neighbourhood. My job is very dangerous, but I am proud of it.

\_\_\_\_\_

- b) I keep you safe. I protect you from thieves and bad people.

\_\_\_\_\_

c) I am white. You can drink me. I am in the dairy group.

\_\_\_\_\_

d) I am yellow and long. I am a fruit. Monkeys also like to eat me. I am a

\_\_\_\_\_.

e) I am green or red. I am spicy and hot. I am a vegetable. I am a

\_\_\_\_\_.

6) State the following food items as healthy or junk food.

a)



b)



c)



d)



e)



f)



7) Name the following.

- a) The national anthem of India. \_\_\_\_\_
- b) The father of the nation. \_\_\_\_\_.
- c) The current Prime Minister of India. \_\_\_\_\_
- d) The current President of India. \_\_\_\_\_
- e) People who do not eat eggs, meat, fish and chicken and eat only fruits and vegetables. \_\_\_\_\_

8) Identify the festival.

- a) We wish our family and friends 'Eid Mubarak! '.



\_\_\_\_\_

- b) People greet each other with 'Lohri di lakh lakh vadaiyaan!'.



\_\_\_\_\_

- c) Idols of Goddess Durga are being worshipped and everyone is greeting each other with 'Shubho Bijaya!'.



\_\_\_\_\_

- 9) Answer the following questions:
- a) What do you need to keep healthy?
  - b) How does a gardener help us?
  - c) What is a joint family?
  - d) What do we do in school?
  - e) When is Christmas celebrated?
  - f) Who was Bapu?
  - g) Name two food items that:
    - i. are eaten raw \_\_\_\_\_
    - ii. we get from animals \_\_\_\_\_
    - iii. vegetarians cannot eat \_\_\_\_\_
  - h) Why Jawaharlal Nehru's birthday is celebrated as Children's Day?
  - i) What kind of clothes do we wear to keep our body cool?
  - j) Why Diwali is also called Deepavali?
- 10) Draw the national flag of our country and write its significance.

## Class 1

### Hindi

- Q.1) गरिमा ने उस पें सल से कस का चत्र बनाया?
- 2) भगवान ने क्या क्या बनाया है?
- 3) बादल क्या करते हैं?
- 4) कौन बिनती कर रहा है?
- 5) कतने आलूबुखारे कम हो गए?
- 6) वान्या का चेहरा कैसा हो गया?
- 7) पांच फलों के नाम लखो ।
- 8) पांच सब्जियों के नाम लखो ।
- 9) तुम्हें कौन-कौन से फल खाने अच्छे लगते हैं उनके नाम लखो ।
- 10) वान्या ने गुठली कहां फेक दी थी?
- 11) चूहे चाचा ने बिल्ली को क्या सलाह दी?
- 12) बिल्ली दवा लेने कसके पास गई?
- 13) गुड़िया कसकी है ? उसका नाम क्या है?
- 14) खाने में क्या-क्या बना है?
- 15) कसान ने खेत में पहली बार क्या बोया?
- 16) भालू ने अंत में क्या शर्त रखी?
- 17) कसान क्या काम कर रहा था?
- 18) अपूर्व क्या कर रही थी?
- 19) पेड़ क्या काम करता है?
- 20) मधुमक्खियां क्या कर रही थी?
- 21) चड़िया कस लए इधर उधर उड़ती फरती है?

- 22) बारह संघा को कस पर घमंड था? 23) बारह संघा ने अपनी परछाई कस में देखी?
- 24) पैरों को देखकर बारह संघा कस को कोसने लगी?
- 25) 4 जानवरों के नाम लखो :
- 27) कसकी ज्यादा बुद्ध है शेर की  
या लोमड़ी की?
- 28) कस-कस के दांतों में कीड़ा लगा हुआ था?
- 29) दांतों का व्यायाम कैसे होता है?
- 30) बच्चे कौन सा खेल खेल रहे हैं?
- 31) रेल का कार्ड क्या करता है?
- 32) रेलगाड़ी कैसे आवाज करते हुए चलती है?
- 33) नाले पर पुलसा कैसे बन गया था?
- 34) बकरियां घास चरने कहां जाती थी?
- 35) पहले कौन सी बकरी नाले के पास गई?
- 36) क्या तुम आपस में एक दूसरे की मदद करते हो?
- 37) संज्ञा कसे कहते हैं?
- 38) भाषा कसे कहते हैं?
- 39) सर्वनाम कसे कहते हैं?
- 40) स्वर वर्ण कसे कहते हैं? और इसकी संख्या कतनी होती है?
- 41) व्यंजन कसे कहते हैं ? और इसकी संख्या कतनी होती है?
- 42) संयुक्त अक्षर से बने कुछ शब्द लखो?
- 43) स्वर वर्ण और व्यंजन वर्ण को लखो?
- 44) वशेषण कसे कहते हैं?
- 45) आप अपना परिचय लखो 5 लाइन में?

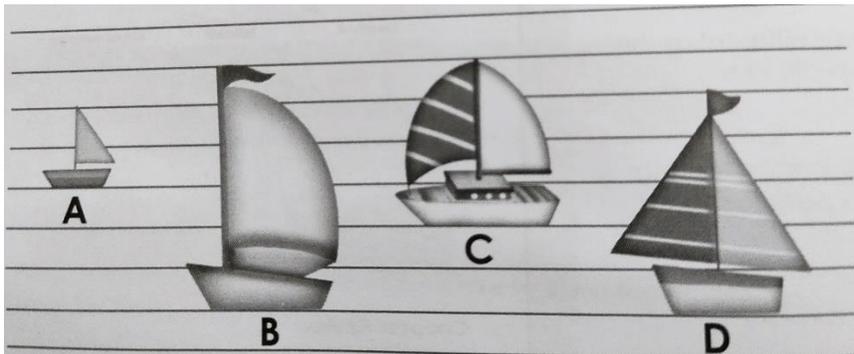


# Question bank.

Class 1.

Maths

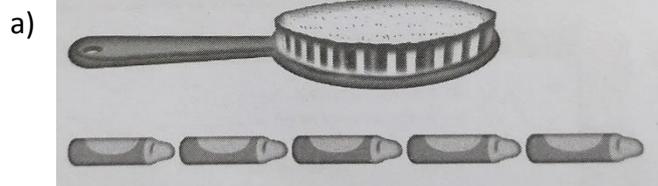
1) Fill in the blanks.



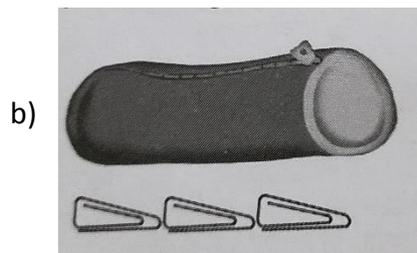
- a) Boat \_\_\_\_\_ is the shortest.
- b) Boat D is shorter than Boat \_\_\_\_\_.
- c) Arrange the boats in order. Begin with the tallest.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

2) Fill in the blanks with more than or less than.



The length of the brush is \_\_\_\_\_ 5 crayons.



The length of the pencil case is \_\_\_\_\_ 3 clips.

3)Add.

a)  $20 + 13$

b)  $30 + 45$

4) Subtract.

a)  $25 - 18$

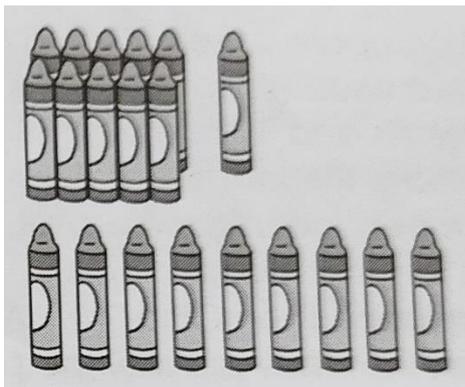
b)  $38 - 29$

5)Add.

a)  $5+5+4$

b)  $9+1+8$

6)Sheena has 11 crayons. Ben has 9 more crayons than Sheena. How many crayons does Ben have?



7)Mrs. Brown had 15 oranges. She used some oranges. She now has 6 oranges. How many oranges did she use?



8)Write the numbers in words.

a)  $23 =$  \_\_\_\_\_

b)37= \_\_\_\_\_

c)40= \_\_\_\_\_

d)65= \_\_\_\_\_

9) Fill in the missing numbers.

a)14 is 10 and 4

10 and 4 make \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

b)23 is 10 and 13

10 and 13 make \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

10) Fill in the missing numbers.

a)1 more than 25 is \_\_\_\_\_.

b)10 more than 19 is \_\_\_\_\_.

c)10 less than 12 is \_\_\_\_\_.

d)1 more than 36 is \_\_\_\_\_.

11) Which is greater 32 or 37 ?

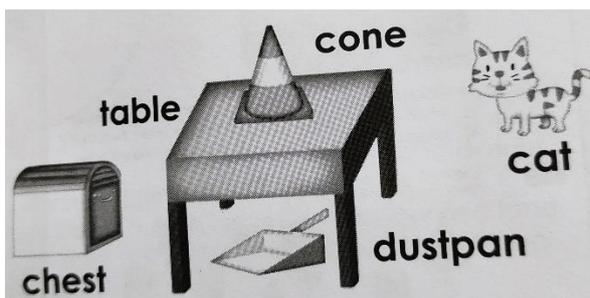
12) Arrange the numbers in increasing order.

20,17,23,38,12

13) Arrange the numbers in decreasing order.

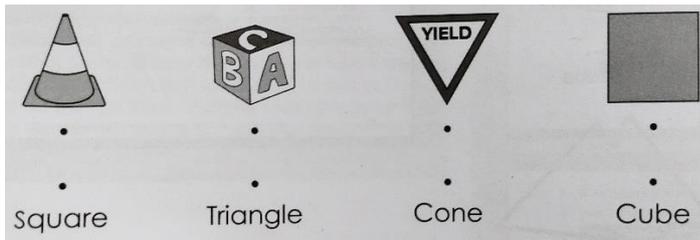
2,40,22,36,10

14) Fill in the blanks.



- a) The \_\_\_\_\_ is under the table.
- b) The \_\_\_\_\_ is on top of the table.
- c) The \_\_\_\_\_ is on the left.
- d) The \_\_\_\_\_ is on the right.

15) Match each shape to its name.



16) Draw a figure with:

- a) 2 curved lines and 2 straight lines.
- b) 3 straight lines and 2 curved lines.

17) Use the numbers and + or - to write number sentences.

- a) 2, 5, 7 = , -
- b) 9, 1, 8 = , +

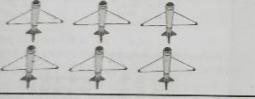
18) Add. Draw number bonds to help you.

- a)  $3 + 0 =$  \_\_\_\_\_
- b)  $5 + 5 =$  \_\_\_\_\_
- c)  $4 + 7 =$  \_\_\_\_\_
- d)  $8 + 9 =$  \_\_\_\_\_

19) Add. Then, circle the doubles facts.

- a)  $5 + 5 =$  \_\_\_\_\_
- b)  $1 + 3 =$  \_\_\_\_\_
- c)  $4 + 2 =$  \_\_\_\_\_
- d)  $1 + 1 =$  \_\_\_\_\_

20) Count and then fill in the missing numbers. Also, write the numbers in words.

a)		<p>6</p>	<p>seis</p>
b)		<p>6</p>	<p>seis</p>
c)		<p>1</p>	<p>um</p>

## Computer Class 2.

### Question Bank for Class 2.

1. What is the use of arrow key?
2. What is pop-up menu?
3. What is output?
4. What is meant by touch typing?
5. How many function keys are on the keyboard?
6. Write two uses of computer in Office.
7. Write two uses of computer in Publishing.
8. What is an Internet?
9. Write two uses of computer in Communication.
10. What is shift key used for?

\*\*\*\*\*

**Question Bank (English)**  
**Class-2**

**Reading skill**

**I. Read the passage given below and answer the questions that follows: -**

**“When It comes to Pandemic....., there’s no school like home.”**

Pedro is 12 years old. Pedro is a good student and he usually gets good results in his tests and exams, but he doesn’t go to school. The truth is he lives in a big city, where there are many schools, but all the schools are closed. Pandemic has affected most parts of the world.

Pedro studies at home. He’s got books, pen and pencils but his lessons are on the computer. Every morning Pedro sits in front of his laptop for three hours and watches and listens to his lessons. His teachers use cameras and interactive worksheets. He can talk to his teachers and the other students in his “class”. Pedro often does his homework in the afternoon. He always e-mails his homework to his teachers on Friday afternoon.

All the children are at home at the moment. Pedro misses his friends and his teachers. He wishes the pandemic to get over soon so that he can go back to his school and play along with his friends.

**Answer the questions that follows: -**

- a) How old is Pedro?
- b) Why can’t Pedro go to school?
- c) What does Pedro wish to happen?
- d) Write the opposite of the words underlined in the passage?
- e) Describe your experience on “Online Classes”?

**Writing Skill**

**II. Write a composition based on the picture given below: -**

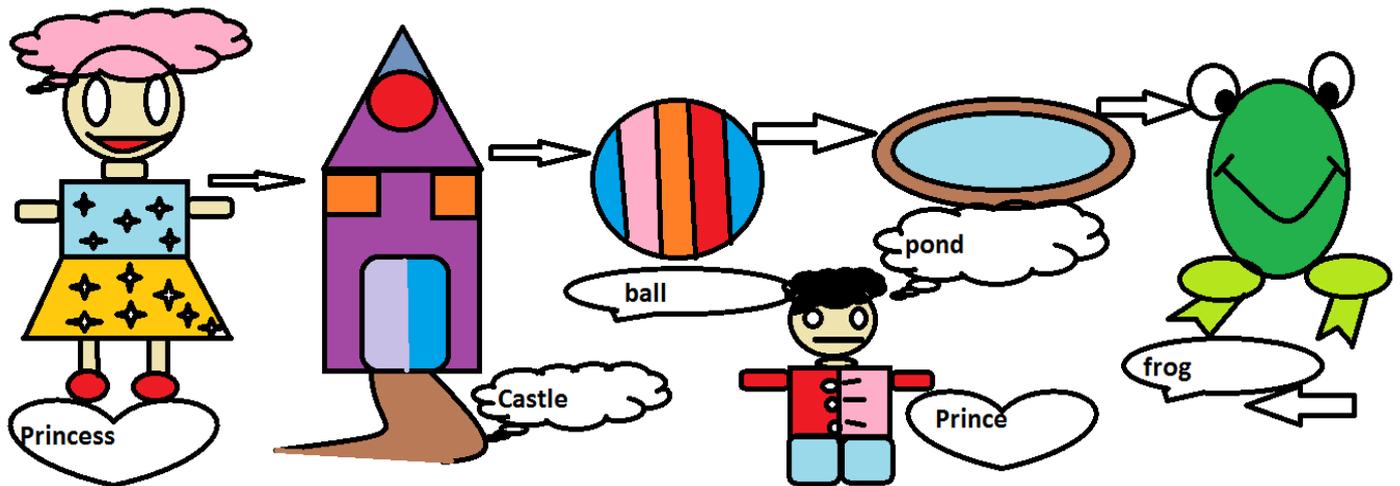


**III. Write an application to the Principal requesting him to grant you leave for a day.**

**OR**

**Write a letter to your best friend inviting him/ her to your birthday party.**

IV. Create a story on our own using the pictures given below: -  
(Give an appropriate title to the story)



### English Grammar

V. Fill in the blanks with the appropriate singular or plural nouns: -

- There are many \_\_\_\_\_ (Child) in the room.
- There is one study \_\_\_\_\_ (room) in my house.
- Two \_\_\_\_\_ (cow) are grazing in the fields.
- The \_\_\_\_\_ (baby) is playing
- You must wash your \_\_\_\_\_ (hand) after the meals.

VI. Write the suitable collective nouns in the given blanks: -

- A \_\_\_\_\_ of rubbish was lying in the middle of the street.
- A \_\_\_\_\_ of cattle was grazing by the roadside.
- A \_\_\_\_\_ of thieves broke into the house.
- He brought a \_\_\_\_\_ of fruits.
- Rohit purchased a \_\_\_\_\_ of cards.

### English Literature

- Q1) How old was Betty?
- Q2) Who was the little girl who fell off the chair?
- Q3) Was Abu Ali a foolish man?
- Q4) Why do you think Abu Ali could not find one donkey?
- Q5) Who was the name of Abu Ali's friend?

Note- Write in a neat handwriting.

## QUESTION BANK

### Class – 2

### SCIENCE

1) Fill in the blanks.

- a) The \_\_\_\_\_ protects our brain.
- b) Family members have a common name known as \_\_\_\_\_.
- c) \_\_\_\_\_ are openings near the ceiling.
- d) The full form of ATM is \_\_\_\_\_.
- e) We can buy pens, pencils, erasers and notebooks from \_\_\_\_\_ shop.
- f) India is a land of \_\_\_\_\_.
- g) Bihu is mainly celebrated in the state of \_\_\_\_\_.
- h) We eat \_\_\_\_\_ food to keep healthy.
- i) Cleanliness prevents \_\_\_\_\_.
- j) We wear \_\_\_\_\_ to cover our body.

2) Unscramble the words and fill in the blanks.

- a) You should get up \_\_\_\_\_ in the morning.  
(LYREA)
- b) You should go to \_\_\_\_\_ on time. (EDB)

- c) You should eat your meals on time and should not \_\_\_\_\_ food. (STEWA)
- d) You should develop \_\_\_\_\_ habits to stay fit and happy. (YHTLHEA)
- e) You should be \_\_\_\_\_ to animals. (NDKI)
- f) A \_\_\_\_\_ is a sweet that is offered to Lord Ganesh. (AMDKO)

3) Pick the odd one out.

- a) carrom, chess, table tennis, cricket
- b) football, volleyball, lawn tennis, snakes and ladders
- c) ludo, badminton, cricket, carrom

4) Give two examples of each.

- a) energy-giving food: \_\_\_\_\_
- b) body-building food: \_\_\_\_\_
- c) protective food: \_\_\_\_\_

5) State whether you agree or disagree with the following statements.

- a) One should keep their hands dirty. \_\_\_\_\_
- b) It is necessary to eat on time. \_\_\_\_\_
- c) One should eat junk food. \_\_\_\_\_

6) Give one word answer.

- a) Where do Christians go to pray? \_\_\_\_\_

b) Which place do Hindus visit during festivals?

\_\_\_\_\_

c) Which is the most auspicious Muslim festival?

\_\_\_\_\_

d) Which is the holy book of the Christians?

\_\_\_\_\_

e) In which state Pongal is celebrated? \_\_\_\_\_

7) What will they wear?

a) A boy living in a hot place. \_\_\_\_\_

b) A small child living in a cold place. \_\_\_\_\_

c) A lady walking in the rain. \_\_\_\_\_

8) Identify the materials with which the following items of clothing are made.

a) W \_ \_ L



b) L \_ \_ T \_ \_ \_



c) C \_ T \_ \_ \_



d) R \_ \_ \_ \_ R



9) Correct the false statements.

- a) We wear the same clothes in different seasons.
- b) We must only eat uncovered foods.
- c) We should keep long nails.
- d) Cricket is an indoor game.
- e) Eid is celebrated on 25 December.
- f) A baker works in a police station.

- g) In a nuclear family grandparents, parents and their children live together.
- h) The brain pumps blood through your body.
- i) We should not brush our teeth daily.
- j) We need only air and water to be healthy and strong.

10) Answer the following questions.

- a) What kind of clothes do we wear during the rainy season?
- b) What is a balanced diet?
- c) How many hours should we sleep daily?
- d) Which is your favourite indoor game? Why?
- e) Name two harvest festivals that are celebrated in India.
- f) Why Independence Day is celebrated on 15 August?
- g) What are the things you find in a park?
- h) How did early humans live?
- i) Mention three items made using milk.

11) Classify the festivals as Religious festivals, National festivals and Seasonal festivals.

a)



b)

c)



d)



e)



12) Mention some good habits that everyone should follow.

Class 2 ka question bank (total question 45)

- Q1) क वता में कस का गुणगान कया गया है?
- 2) हिमालय पर्वत भारत की कस दिशा में है?
- 3) भारत देश के प्रति हमारा क्या कर्तव्य है?
- 4) क वता में कन कन नदियों के नाम आए हैं?
- 5) क वता में कन-कन नदियों के नाम आए हैं?
- 6) भारत को सबसे न्यारा कसने बनाया है?
- 7) गंगा नदी के कनारे बसे दो शहरों के नाम ल खए?
- 8) द क्षण भारत में बहने वाली दो नदियों के नाम ल खए ।
- 9) टिंकी को क्या खाना अच्छा लगता था
- 10) टिंकी की हरकत को कौन देख रहा था? वह कहां बैठा था?
- 11) टिंकी क्या क्या काम करती थी?
- 12) अर्नेस्ट कैसा वद्यार्थी था? उसमे क्या-क्या गुण थे?
- 13) आगे चलकर अर्नेस्ट को कौन सा पुरस्कार मला?
- 14) पुरस्कार कसको मला? अर्नेस्ट को क्यों नहीं?
- 15) अर्नेस्ट की बहन ने उसको क्या क्या समझाई?
- 16) क्रसमस कब मनाया जाता है?
- 17) रक्षाबंधन कसके प्रेम का प्रतीक है?
- 18) हुमायूं ने कसकी राखी स्वीकार की थी?
- 19) श्रवण मास में कौसी ऋतु होती है?
- 20) कर्णावती कहां की र महारानी थी?
- 21) क्या हुमायूं ने कर्णावती की राखी स्वीकार की?
- 22) सूरज की कैसी होती है?

- 23) सूरज के ढलने पर क्या होता है
- 24) धनी व्यक्ति ने क्या घोषणा करवाई?
- 25) मछुआरे को अंदर जाने से कसने रोका?
- 26) सेठ जी को कस बात पर आश्चर्य हुआ?
- 27) दरबान में क्या शर्त लगाई?
- 28) दावत के लए कस चीज का प्रबंध क्या गया था?
- 29) सेठ जी कस बात से खुश हुए?
- 30) इनाम कसको मला?
- 31) बिल्लो रानी की क्या वशेषता थी?
- 32) बिल्लो रानी को क्या खाना पसंद था?
- 33) हाथी और भालू ने क्या काम किया?
- 34) लेखक के समय में घर कस प्रकार के होते थे?
- 35) लेखक कस बात से परेशान हो उठा?
- 36) उन दिनों कस बात का रिवाज था? इसका पता कैसे चलता है?
- 37) कोलकाता कस राज्य की राजधानी है?
- 38) स्वर वर्ण कसे कहते हैं?
- 39) स्वर वर्ण की मात्राएं कसके साथ प्रयोग होता है?
- 40) अन्य ध्वनियों को लखो ?
- 41) संयुक्त अक्षर से बने शब्द लखें कोई पांच ।
- 42) संज्ञा कसे कहते हैं
- 43) सर्वनाम कसे कहते हैं
- 44) वशेषण कसे कहते हैं?
- 45) व्यक्तिवाचक और प्राणी वाक्य संज्ञा लखो

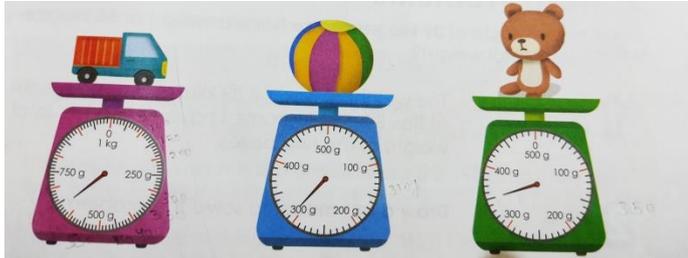


**Question bank**

**Class 2**

**Maths**

1) Look at the weighing scales .Then, fill in the blanks.



- a)The weight of the toy truck is \_\_\_\_\_ grams.
- b)The weight of the teddy bear is \_\_\_\_\_ grams.
- c)The toy truck is \_\_\_\_\_ grams heavier than the teddy bear.
- d)Arrange the toys in increasing order of their weights.

2) Multiply

a)  $4 \times 3 = \underline{\quad}$

$40 \times 3 = \underline{\quad}$

b)  $5 \times 4 = \underline{\quad}$

$50 \times 4 = \underline{\quad}$

3) a)  $14 \times 2 = \underline{\quad}$

b)  $33 \times 3 = \underline{\quad}$

4) What is the product of 6 and 7?

5) Fill in the missing numbers.

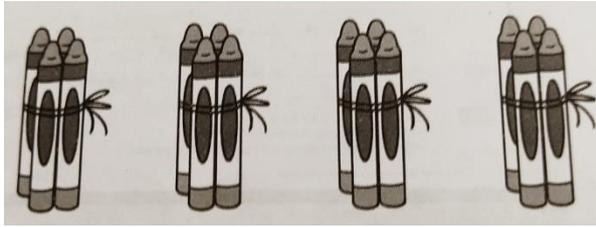


1 basket has 3 orange

- a) 1 baskets have \_\_\_\_\_ oranges.
- b) 5 baskets have \_\_\_\_\_ oranges.
- c) 7 baskets have \_\_\_\_\_ oranges.

6) There are four crayons in each bundle.

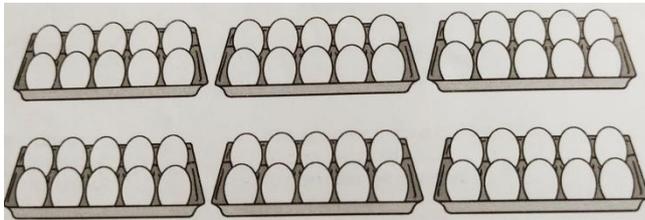
How many crayons are there in 4 bundles



$4 \times 4 = \dots\dots\dots$

There are  $\dots\dots\dots$  crayons in 4 bundles.

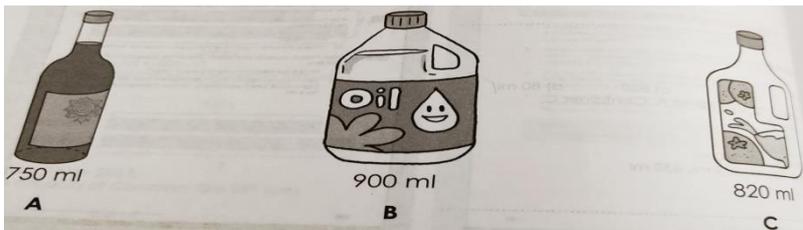
7) Aisha stocks her grocery shop with 6 egg crates . each crate has 10eggs. How many eggs there in 6 crates?



$6 \times 10 = \dots\dots\dots$

There are  $\dots\dots\dots$  eggs in 6 crates of 10 eggs.

8.) Fill in the blanks.



- a) The capacity of container A is  $\dots\dots\dots$  Millilitres.
- b) The capacity of container B is  $\dots\dots\dots$  Millilitres.
- c) The capacity of container c is  $\dots\dots\dots$  Millilitres.
- d) The capacity of container A is  $\dots\dots\dots$  Millilitres less than the capacity of container B
- e) Arrange the container in increasing order of their capacities.

$\dots\dots\dots, \dots\dots\dots, \dots\dots\dots$

9) Shikha bought 1 litre of milk. She drank 614 millilitres . how much milk was left ?

10) Fill in the blanks with Kilograms or Grams

- a) The weight of a baby is 3.....
- b) The weight of a badminton racket is 100.....
- c) The weight of a bar of soap is 120.....
- d) The weight of a adult lion is 190.....

11) Fill in the blanks with Centimetres of Metres

- a) Richa is 10 ..... Taller than her Sister.
- b) A school bus is about 11..... long
- c) A spoon is 15..... long
- d) Mr. Mehta is 180..... Tall

12) Circle the best unit used to measure each of the following.

- a) Length of a water bottle (cm , m)
- b) Length of a ladder (cm , m)

13) Shruti is 96 centimitres tall . she is 78 centimitres shorter than her father.

- a) How tall is shruti's father ?
- b) What is shruti's and her father's total height?

14) Add.

- a)  $584+9$
- b)  $273+28$
- c)  $828+34$

15) Subtract.

- a)  $364-26$
- B)  $653-148$
- c)  $560-57$

16) Fill in the missing numbers.

- a)  $87 + \dots = 193$
- b)  $274 - \dots = 216$
- c)  $82 + \dots = 739$

17) A bakery sold 334 cookies on Saturday. It sold 355 cookies on Sunday. How many cookies did the bakery sell altogether?

18) 212 people watched a film in a cinema . How many seats were left empty if the cinema had a total capacity of 325 peoples?

19) Write the number in words.

a) 582

b) 307

c) 786

d) 951

20) Write the numbers.

a) Four hundred twenty eight

b) Seven hundred sixty

c) Six hundred three

d) Nine hundred fifty five

### Computer Class 3.

#### Question Bank for Class 3

1. What does ICT stand for?
2. Name two machines which have embedded computers.
3. What is hardware?
4. Write short note on robots
5. What is input device?
6. Name some machines which have embedded computers.
7. What is output device?
8. What is operating system? Give two examples.
9. What is software?
10. What is desktop background?
11. What is operating system?
12. Give two examples of operating system software.
13. How do you shut down a computer?

\*\*\*\*\*

**Subject - English**

**Class - 3**

A. Tick (✓) the correct answer.

1. The speaker of the poem is -

- a. young child
- b. an old man
- c. a woman

2. The speaker is busy -

- a. doing homework
- b. helping his father
- c. doing household chores.

3. The work which the speaker does not wish to do is -

- a. clean his room
- b. bake cookies
- c. do his homework

4. When the story begins, the Toad is in -

- a. his bedroom.
- b. the bathroom.
- c. Frog's house.

5. Toad decided to make a list because he -

- a. had many things to do.
- b. liked making lists.
- c. forgot things without a list.

6. The first thing written in Toad's list was -

- a. Wake up.
- b. Get out of bed.
- c. Get dressed.

B. Write True or False.

1. Toad's list was about the things he had to do.
2. Toad ran behind his list to catch it.
3. Toad and Frog were good friends.
4. Toad did not get the list back as Frog could not catch it.

C. Underline the common nouns in the following sentences.

1. My father drives a car.
2. Mary had a lamb which followed her to school.
3. The cat ran up the up the tree. It was chased by a dog.
4. I play with my friend in the park.

D. Fill in the blanks with the correct collective nouns from the bracket.

1. A \_\_\_ of bananas.

(bunch / bundle)

2. A \_\_\_ of cards.

(bundle / pack)

3. An \_\_\_ of ants.

(army / group)

4. A \_\_\_ of cattle.

(flock / herd)

E. Choose the choose the correct meaning of the following words.

1. beneath
  - a. overhead
  - b. below
  - c. above

2. overjoyed
  - a. extremely happy
  - b. depressed
  - c. impassive

F. Tick (✓) the correct answer.

1. Aladdin is called a careless boy because he -
  - a. did nothing to help his mother.
  - b. was not fond of working.
  - c. slept the whole day.

2. The stranger was -
  - a. Aladdin's uncle.
  - b. a magician.
  - c. a tailor.

3. The magician was -
  - a. helpful.
  - b. wicked.
  - c. friendly.

4. The magician took Aladdin to -
  - a. a garden.
  - b. a shop
  - c. a market

G. Complete the following sentences with correct words.

1. Aladdin was a very\_\_ boy.

(careless / careful)

2. Aladdin's mother\_\_ in fear.

(laughed / fainted)

3. There was a flash of light and a\_\_.

(ghost / genie)

4. Aladdin tried to get out of the \_\_.

(cave / jail)

H. State the kind of the following sentences.

1. The sun rises in the east. \_\_

2. Have you done your homework? \_\_\_\_

3. What a beautiful weather! \_\_\_\_

4. Please sit down! \_\_\_\_

I. Fill in the blanks with a suitable masculine or feminine gender word.

1. The host and the\_\_ welcomed their guests.

2. My uncle and\_\_ live in Mumbai.

3. The \_\_ and the queen had two sons.

4. The grandfather and the\_\_ look after the girls and the\_\_.

### Class 3

#### Hindi

- Q1) उपवन की शोभा कससे है?
- 2) क वता में सुमन कसे कहा गया है?
- 3) हम कस के पलने में झूल कर पले हैं?
- 4) पकनिक वाला स्थान कैसा था?
- 5) कक्षा में नई आई लड़की का नाम क्या था?
- 6) झील की दलदल में कौन फंस गई ?
- 7) श्रीनगर कस राज्य की राजधानी है?
- 8) कश्मीर को धरती का स्वर्ग क्यों कहा जाता है कहा जाता है?
- 9) कस मुगल बादशाह को बाग लगवाने का शौक था?
- 10) शालीमार बाग कस बात का जीता जागता उदाहरण है?
- 11) निशात शब्द का क्या अर्थ है निशात बाग कसने लगवाया था?
- 12) जहांगीर की बेगामे कहां ठहरती थी?
- 13) कश्मीर के अलावा अन्य दो पर्वतीय स्थलों के नाम लखो?
- 14) शालीमार शब्द का अर्थ क्या है?
- 15) आसफ जहां कौन था?
- 16) इस पाठ में कस झील का नाम आया है?
- 17) प्रकृति की सुंदरता को बचाएं रखने के लए आप क्या उपाय करेंगे?
- 18) मनुष्य कैसा प्राणी है?
- 19) हमें पंक्ति बढ क्यों होना चाहिए?
- 20) मनुष्य को सामाजिक प्राणी क्यों कहा गया?
- 21) स्वतंत्रता भारत के नागरिक होने के नाते हमारा क्या कर्तव्य है?
- 22) अनुशासन सखाने की पहली पाठशाला क्या है?
- 23) जीवन के झरने में कौन सा पानी है?

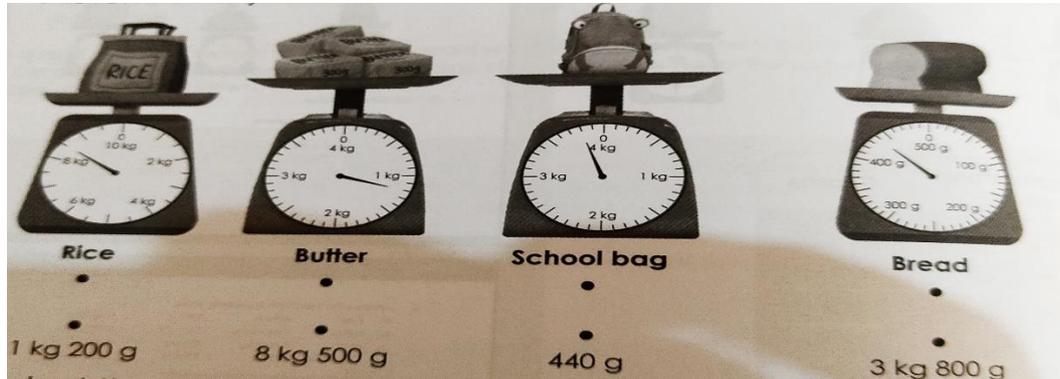
- 24) सुख दुख कसके समाने है?
- 25) रुक जाना कसके समान है ?
- 26) अलादीन और उसकी मां कैसे जीवन बिता रहे थे ?
- 27) बूढ़ा व्यक्ति अलादीन को कहां ले गया ? और क्यों ?
- 28) अलादीन की शादी कसके साथ हुई?
- 29) बादल कहां अ थक जल नहीं बरसा पाते?
- 30) प्रदूषण की समस्या से कोन-कोन परेशान है?
- 31) आम और नीम को कसने सुरक्षा दी?
- 32) प्रदूषण से कसने बचाया ?
- 33) बाबा आमटे को कर्मवीर क्यों कहा गया है?
- 34) कलंगी क्यों उदास हो गई ?
- 35) भाषा कसे कहते हैं ?
- 36) भाषा के कतने प्रकार होते हैं ?
- 37) वर्ण या अक्षर कसे कहते हैं ?
- 38) संज्ञा कसे कहते हैं ?
- 39) जाति वाचक संज्ञा कसे कहते है?
- 40) वर्णमाला कसे कहते हैं?
- 41) वशेषण कसे कहते हैं?
- 42) सर्वनाम कसे कहते हैं?
- 43) अपना परिचय देते हुए अनुच्छेद लखो
- 44) एक से लेकर पचास तक शब्दों में लखो
- 45) आम के पेड़ पर एक निबंध लखो

**Question bank.**

**Class:-3**

**Maths**

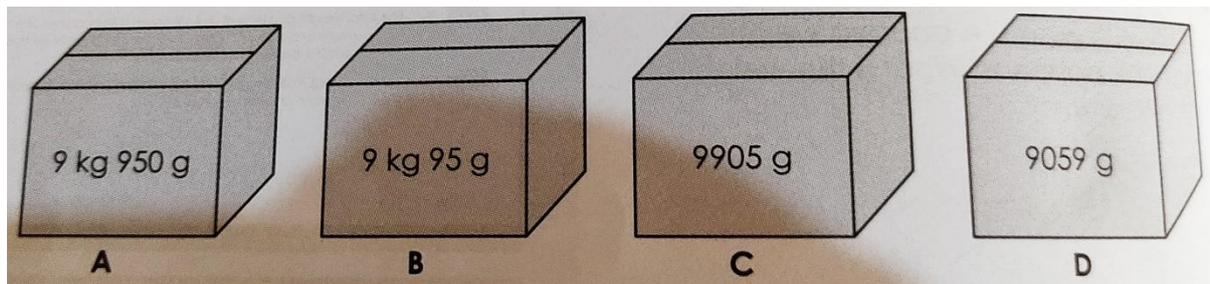
1) Match the objects with their weights.



2) Look at the weights of the objects given above. Then ,fill in the blanks.

- a) The weight of the bag of rice is \_\_\_\_\_ grams.
- b) The weight of the butter is \_\_\_\_\_ grams.
- c) The weight of the school bag is \_\_\_\_\_ grams.
- d) The weight of the loaf of bread is \_\_\_\_\_ grams.

3) Look at the weight of the given boxes. Then ,fill in the blanks.



- a) The weight of Box C is \_\_\_\_\_ kilograms \_\_\_\_\_ grams.
- b) The weight of Box D is \_\_\_\_\_ kilograms \_\_\_\_\_ grams.
- c) Box B is \_\_\_\_\_ than Box D.
- d) Box C is \_\_\_\_\_ grams heavier than Box D.

4) Circle the best unit used to measure each of the following.

a) Length of a railway train

cm   m   km

b) Length of bed

cm m km

c) Length of a river

cm m km

5) Convert. Then, fill in the blanks.

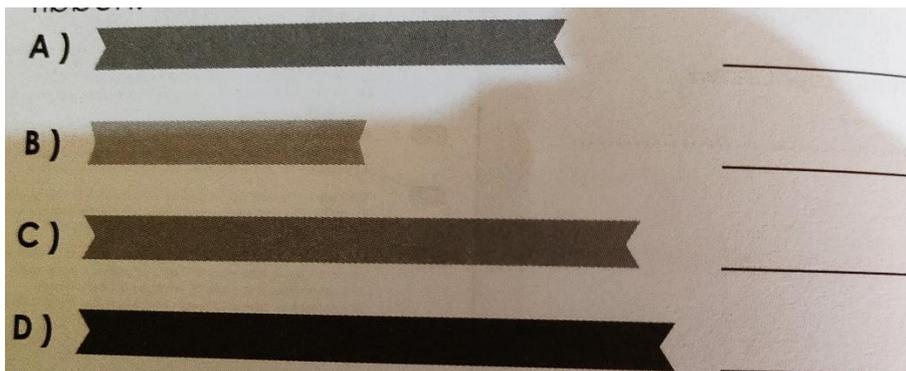
a)  $8\text{ m } 3\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$

b)  $145\text{ cm} = \underline{\hspace{1cm}}\text{ m } \underline{\hspace{1cm}}\text{ cm}$

c)  $8080\text{ km} = \underline{\hspace{2cm}}\text{ km } \underline{\hspace{2cm}}\text{ m}$

6) The lengths of the four ribbons below are 2 metres 350 centimetres, 2053 centimetres, 3 metres 250 centimetres and 3520 centimetres.

a) Compare the lengths. Then, write the correct length next to each ribbon.



b) How much longer is ribbon A compared to ribbon B?

7) Calculate mentally.

a)  $67+35$

b)  $56-29$

c)  $9 \times 700$

d)  $50 \times 9$

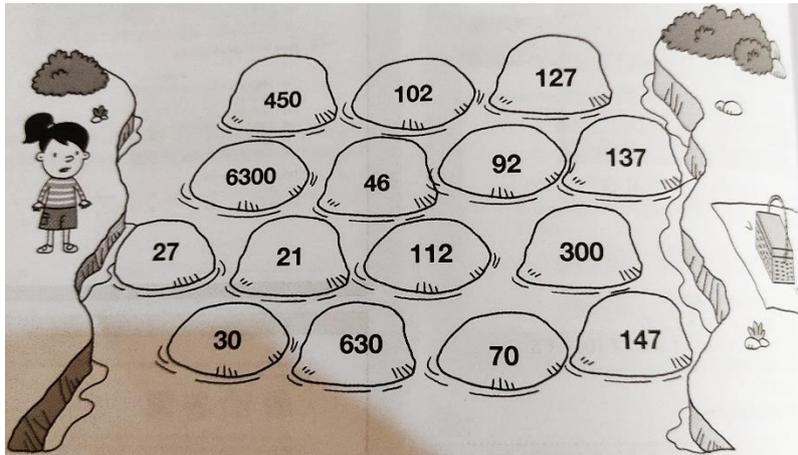
e)  $70-24$

f)  $420 \div 6$

g)  $78+59$

h)  $2700 \div 9$

Only the stones which contain the answers of the questions above will not sink. Colour the stones Mona can step on to cross the river.



8) Raghu bought a pen for rs 85 and a notebook for rs52.How much did Raghu pay?

9) The height of Kiran’s Father is thrice the height of Kiran. If the height of Kiran’s father is 180 centimetres, find Kiran’s height.

9) The height of Kiran’s Father is thrice the height of Kiran. If the height of Kiran’s father is 180 centimetres, find Kiran’s height.

10) Divide.Write the quotient and the remainder.

a)  $500 \div 10$

Quotient =.....

Remainder = .....

b)  $69 \div 10$

Quotient =.....

Remainder = .....

c)  $532 \div 10$

Quotient =.....

Remainder = .....

11) Divide:

a)  $600 \div 2$

b)  $700 \div 2$

c)  $93 \div 7$

12) Rohan has 429 metres of wire. He cuts it into pieces. Each piece is 3 metres long . how many pieces can he get ?

13) Multiply. Then, write true or false.

a) 8 times the product of 3 and 2 is equal to 2 times the product of 8 and 3. \_\_\_\_\_

b) The product of 5,9 and 4 is 1 ten 8 ones and 0 hundreds.-----

c) Ten times five hundred six is five thousand six hundred.-----

14) Fill in the missing numbers.

a)  $4 \times 10 =$

b)  $40 \times 10$

c)  $400 \times 10$

d)  $8 \times 10$

e)  $800 \times 10$

f)  $50 \times 10$

15) Multiply.

a)  $312 \times 3$

b)  $213 \times 2$

c)  $320 \times 3$

d)  $89 \times 15$

e)  $92 \times 53$

f)  $76 \times 27$

16) 35 students in a class contributed Rs. 23 each for Mahak's birthday gift. If they still need Rs. 124 more, what is the price of Mahak's gift.?

17) Add or subtract

a)  $3478 + 5210$

b)  $4319 + 2574$

c)  $5628 + 2572$

d)  $7865 - 2459$

e)  $9431 - 3410$

f)  $7000 - 3467$

18) The distance from Jammu to Madurai is 3417 kilometres. A truck travelled 1021 kilometres on Monday and 1356 kilometres on Tuesday. How much distance does it still have to travel?

19) Write the numbers in words.

a) 4198

b) 7032

c) 9169

d) 3412

e) 5679

f) 9562

20) Round 3972 to the nearest ten and hundred.

## QUESTION BANK

Class – 3

SCIENCE

- 1) Fill in the blanks.
  - a) The natural environment of a living thing is called its \_\_\_\_\_.
  - b) Food is stored in different parts of plant in the form of \_\_\_\_\_.
  - c) \_\_\_\_\_ can live on land as well as in water.
  - d) A food chain always starts with \_\_\_\_\_.
  - e) The \_\_\_\_\_ uses its beak to peck at tree trunks and make a hole in the tree.
  - f) A \_\_\_\_\_ is the basic unit of life.
  - g) The organs which are like electric wiring in our body are \_\_\_\_\_.
  
- 2) Correct the false statements.
  - a) The process of breaking down food into smaller parts is called respiration.
  - b) Crows have webbed feet.
  - c) Animals are called producers.
  - d) Mammals are cold-blooded animals.
  - e) The flower is known as the kitchen of the plant.
  - f) Living things do not need to remove waste from their bodies.
  
- 3) Guess the names.
  - a) I have long neck and eat the leaves of tall trees. \_\_\_\_\_
  - b) I weave webs to trap insects and eat them. \_\_\_\_\_
  - c) My wide strong feet keep me from slipping on ice. \_\_\_\_\_
  - d) I am slow, but can live more than a hundred years. \_\_\_\_\_
  - e) I can live both in water and on land and I croak. \_\_\_\_\_
  
- 4) Match the organ to the system it belongs.



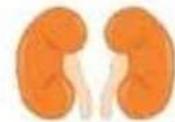
Digestive system



Excretory system



Nervous system



Respiratory system

5) Circle the odd one out.

- a) ears, nose, heart, skin
- b) kidney, urine, brain, sweat
- c) lungs, wind pipe, diaphragm, skull
- d) dolphin, gorilla, snake, lion
- e) parrot, elephant, swan, peacock

6) Look around your room and area around your house. List three living things and three non-living things that you can find.

7) Do some research and list at least two birds that cannot fly.

8) Find out the name of the smallest tree in the world.

9) Answer the following questions.

- a) Why should we chew our food properly?
- b) What is an organ system? List the various organ system.
- c) What are talons?
- d) Explain food chain with the help of a diagram.
- e) Why plants are called producers?
- f) What would happen if there were no flowers?
- g) Can you fly? How do birds fly?

10) Differentiate between.

- a) Herbivores and carnivores
- b) Flight feathers and down feathers.

11) Draw a well-labelled diagram of the following organ systems and write its functions.

- a) Respiratory system
- b) Digestive system
- c) Skeletal system

**Navyug Vidyalaya Bhagalpur**

**Class – 3**

**Session – (2021- 2022)**

**Subject – Social Science**

**Q1. Fill in the blanks to complete the sentences.**

- a. Each state has a \_\_\_\_\_ government.
- b. India and it's neighbours form the Indian \_\_\_\_\_.
- c. About \_\_\_\_ regional languages are spoken in India.
- d. Mount K2 is the \_\_\_\_\_ highest peak in the Himalayas.
- e. The \_\_\_\_\_ ocean is unique.
- f. An \_\_\_\_\_ is a large body of saline water.

**Q 2. Write true or false and correct the false ones :-**

- a. The state government is located in New Delhi.
- b. The year after Christ was born is written as 2CE.
- c. Africa is the smallest continent.
- d. Approximately 75% of the Earth's surface is covered with water.
- e. Horse is known as the ship of the desert.
- f. Sikkim is the capital of Tripura.

**Q3. Answer the following questions :-**

- a. What is the difference between a state and a union territory's?
- b. Which three large water bodies surround India?
- c. How advantageous is it for a country to be surrounded by seas?
- d. When do we use a compass?
- e. How do we measure the years before the birth of Jesus Christ?

**Q4. Give reasons for the following.**

- a. India has many regional languages despite having two official languages.
- b. The northern plains are very fertile.

c. We need maps.

**Q5. Unscramble the letters to form words related to India's physical features.**

a. CADECN TEPLAUA - \_\_\_\_\_

b. OGALEPIHCRA - \_\_\_\_\_

c. CITENGAM - \_\_\_\_\_

d. ERIF - \_\_\_\_\_

**Q6. Which state do you live in? List the name of your state, its capital city and the name of the Chief Minister.**

**Q7. Write the name of union territory and its capital.**

**Q8. Project work:-**

**Which state will you cross if you travel from Delhi to Bengaluru by train?**

**Q9. On a blank political map of India, mark 28 states with its capital.**

**Q10. Who was the first person to climb to the peak of Mount Everest?**

**Q11. Find the names of any five countries starting with the letter A and B.**

## Computer Class 4

### Question bank class 4

1. Who is the CEO of Google Corporation?
2. Learn and write full form of.
  - a. WWW
  - b. URL
  - c. ISP
  - d. CEO
3. What is hyperlink?
4. What is BIT ?
5. What is homepage page?
6. What is a web browser? Give some examples of web browsers.
7. Write the names of four different versions of Ms Windows operating system.
8. What is URL? Give an example of URL.
9. Who developed the world wide web in 1989?
10. Write some examples of search engine.

\*\*\*\*\*

## Class 4

### English

#### Questions and answers

1. What was the reason for which Robin threw away his bow and arrow? Mention two good characteristics of Robin Hood.

2. What happened at the end of the day? Write the name of the poet.

3. What did Ravi do when it was time for returning back? Did he get any surprise in return? If yes what was it?

4. Fill in the right word.

a. I am going for a holiday, I am very ..... .

b. I forgot my speech and I felt really ..... .

5. Was everyone sure about how long the famine will last? What had happened when the famine continued for long?

6. On 29<sup>th</sup> day Bholi was gifted with the ..... .

7. What is an imperative and exclamatory sentence? Give an example to support your answer.

8. What are the kinds of Phrases? Define adverbial phrase.

9. State true or false:

a. Abstract nouns tell about physical objects.

b. common nouns are formed using "es".

10. Fill the correct form of the Noun.

a. I dance. I am a .....

b. Rabindranath Tagore writer stories and poems. He is a .....



SUBJECT - HINDI

1. रक्त की जाँच किस यंत्र से की जाती है ?  
 (i) सूक्ष्मदर्शी यंत्र से (ii) तीव्रगामी यंत्र से (iii) बलदर्शी यंत्र से
2. हवा से हम साँस के लिए कौन-सी गैस लेते हैं ?  
 (i) ऑक्सीजन (ii) हाइड्रोजन (iii) नाइट्रोजन
3. सौंदर्य कण शरीर के क्या हैं ?  
 (i) कीर सिपाही (ii) कीर बहादुर (iii) रक्त-नालक
4. हर किस्म के रक्त-समूह का मंडार कौन सुरक्षित रहता है ?  
 (i) ब्लड-बैंक में (ii) अस्पताल में (iii) दवाखाना में
5. प्लेटलेट्स का रंग कैसा होता है ?  
 (i) लाल (ii) सफेद (iii) बिना रंग के
6. जग-निवास में किसने शरण ली थी ?  
 (i) शाहजहाँ ने (ii) छुर्रम ने (iii) राणा जीने
7. सुखाडिया सर्कल पर कौन फव्वारे जैसा फव्वारा निवेश में कहाँ है ?  
 (i) रोम में (ii) फ्रांस में (iii) जर्मनी में
8. अमीमिया में क्या होता है ?  
 (i) शरीर में खून की कमी की बीमारी (ii) तेज कुत्तार होना (iii) सुजन हो जाना
9. अजंता की गुफाएँ कहाँ हैं ?  
 (i) महाराष्ट्र में (ii) गुजरात में (iii) मध्यप्रदेश में
10. चित्र बनाने से पहले पत्थर को कैसा बनाया जाता है ?  
 (i) चिना (ii) खुदरा (iii) छोटा
11. अजंता की गुफाओं की दीवारों को किससे मिट्टी मोंगने देखाया गया है ?  
 (i) ईंटों से (ii) पत्थरों से (iii) राहुल से
12. अजंता की गुफाओं की दीवारों को किस पर चित्र पर चित्र बनाया है ?  
 (i) गुफाओं पर (ii) कलाकारों पर (iii) चित्रों पर

JULY						
M	T	W	T	F	S	S
31						01 02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

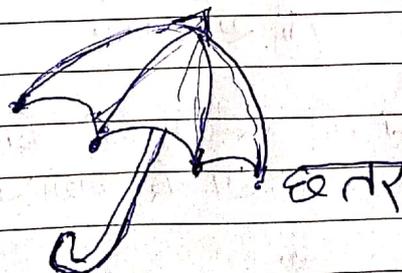
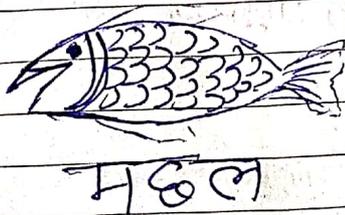
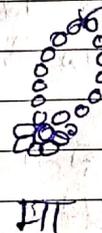
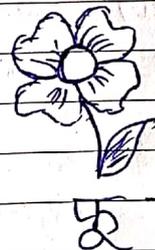
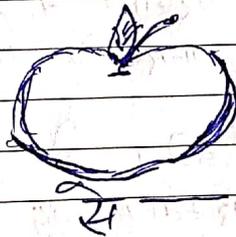
13. दोहा - पंचक पाठ में दोहे का प्रयोग किस भाषा में किया गया है ?  
 (i) अवधी (ii) राज भाषा (iii) खड़ी बोली
14. अजंता की खोदी-कड़ी कुल कितनी गुफायें हैं ?  
 (i) 29 गुफायें (ii) 20 गुफायें (iii) 16 गुफायें
15. क्या आप किसी काम को करने से पहले सोच-विचार करते हैं ?  
 (i) हाँ (ii) नहीं (iii) कभी-कभी
16. श्री कृष्ण अर्जुन के क्या बने हुए थे ?  
 (i) सलहकार (ii) सारथी (iii) उपदेशक
17. मनुष्य का अधिकार किस पर है ?  
 (i) फल पर (ii) कर्म पर (iii) दोनों पर
18. कु रक्षेत्र के मैदान में किसकी सेनाएँ युद्ध के लिए आमने-सामने खड़ी हैं ?  
 (i) कौरवों और पांडवों (ii) श्री कृष्ण और अर्जुन (iii) वीरों की सेनाएँ
19. ककरियों को क्या चीज अधिक पारी थी ?  
 (i) स्वतंत्रता (ii) अच्छा खाना (iii) घर में रहना
20. गोंधी जी ने कौन सा नाटक देखा ?  
 (i) श्रावण-पुत्रवित्त (ii) सत्य दम्बिचंद्र (iii) अम्भ
21. बालक प्रभात की नई किरण बनकर क्या करना चाहते हैं ?  
 (i) उज्ज्वल भविष्य का निर्माण (ii) प्रकृति से प्रेरणा (iii) उपवन नया सजाना
22. एक मि०ली० रक्त में कितने कण होते हैं ?  
 (i) 40 से 55 लाख कण (ii) 50 लाख कण (iii) 10 से 20 लाख कण
23. उदयपुर को किसकी नगरी कहा जाता है ?  
 (i) गीलों की नगरी (ii) फक्वोर की नगरी (iii) अज्ञान की नगरी

Sunday 09

AUGUST						
M	T	W	T	F	S	S
01	02	03	04	05	06	
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

24. 'गोव' में रखेवाला वाक्यांश के लिए एक शब्द है -  
 (i) ग्रामीण (ii) शहरी (iii) देहात
25. 'सत्य' शब्द का उचित विलोम शब्द है -  
 (i) असत्य (ii) सच (iii) सच्चा
26. 'औरत' का बहुवचन रूप होगा -  
 (i) औरतें (ii) औरतों (iii) औरत
27. 'उसके पास दो पुस्तकें हैं' वाक्य का शुद्ध रूप होगा -  
 (i) उसके पास दो पुस्तकें हैं (ii) उसके पास दो पुस्तक हैं (iii) उसे दो पुस्तकें हैं
28. 'हिमालय, समायाण, गंगा, आम' शब्द उदाहरण हैं -  
 (i) भाववाचक (ii) व्यक्तिवाचक (iii) जातिवाचक
29. जिन शब्दों का कोई अर्थ नहीं होता उसे कहते हैं -  
 (i) सार्थक (ii) निरर्थक (iii) शब्द

30. चित्र के नाम को पूरा करें।



AUGUST						
M	T	W	T	F	S	S
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

# Class IV

## Maths Mid Term Question Bank

(2021-2022)

### Chapter 1:

1. Write the numbers:

i. Seventy four thousand two hundred thirty one.

2. Write the numbers in words:            i. 54,367

3. Fill in the blanks:

i. In 1, 65,780 the digit 5 is in the .....place.

4. Fill the missing numbers:

i.  $60,000 + 5000 + 400 + 20 + 3 = \dots\dots\dots$

5. Form the greatest and smallest 6- digit numbers using each of the given digits only once.

i. 4, 6, 7, 3, 9, 5

6. Round each number to the nearest hundred.    i. 1, 35, 742

7. Write the Hindu-Arabic numerals for the following Roman numerals.            i. XVII

8. Write the Roman numerals for the following Hindu-Arabic numerals.            i. 29

### Chapter 2:

1. Find the sum:    i.  $56,234 + 34,901$

2. Find the difference:    i.  $37,678 - 13,560$

3. Find the sum or difference. Then, use estimation to check your answer.    i.  $6966 + 3121$

4. Look at the number patterns. Then, fill the missing numbers. i. 182, 190, 198, 206, .....

### Chapter 3:

1. Find the product:                            i.  $5630 \times 2$

2. Estimate and then multiply.            i.  $6780 \times 6$

3. Multiply:            i.  $854 \times 10$             ii.  $643 \times 100$

4. Multiply:            i.  $321 \times 40$             ii.  $1432 \times 20$
5. Multiply:            i.  $673 \times 31$             ii.  $943 \times 25$
6. Estimate and then multiply.            i.  $479 \times 39$
7. Multiply:            i.  $421 \times 312$             ii.  $940 \times 215$
8. Complete the number pattern:            i. 105, 100, 300, 295, ....., 880, .....

#### **Chapter 4:**

1. Divide:    i.  $6040 \div 5$             ii.  $8014 \div 9$
2. Divide:    i.  $900 \div 10 = \dots\dots\dots R\dots\dots\dots$     ii.  $4967 \div 10 = \dots\dots\dots R\dots\dots\dots$
3. Divide:    i.  $220 \div 20$             ii.  $164 \div 50$
4. Riya has 5700 daisies. If each bouquet has 24 daisies, how many bouquets can she make? How many daisies are left?

#### **Chapter 5:**

1. Complete the factor trees of:            i. 24    ii. 18
2. Find the common factor of:    i. 32 and 44.            ii. 15 and 45
3. Write five multiples of:            i. 5            ii. 7

#### **Chapter 6:**

1. Write the missing numerator or denominator:    i.  $\frac{1}{3} = \frac{\quad}{9}$             ii.  $\frac{5}{6} = \frac{10}{\quad}$
2. Circle the smaller fraction:    i.  $\frac{2}{7}, \frac{6}{7}$             ii.  $\frac{7}{12}, \frac{7}{10}$
3. Add:            i.  $\frac{1}{4} + \frac{1}{4}$             ii.  $\frac{7}{10} + \frac{1}{10}$
4. Subtract:    i.  $\frac{7}{8} - \frac{1}{8}$             ii.  $\frac{11}{12} - \frac{4}{12}$
5. Express each as a mixed number:    i.  $1 + \frac{3}{4}$             ii.  $2 + \frac{1}{2}$
6. Express improper fraction into mixed number:    i.  $\frac{13}{5}$             ii.  $\frac{35}{8}$
7. Express mixed number into improper fraction:    i.  $2\frac{3}{5}$     ii.  $4\frac{3}{7}$

8. A jug is  $\frac{7}{10}$  filled with water. Kelvin uses  $\frac{3}{10}$  of the water. What fraction of water is left in the jug?

**Chapter 7:**

1. Express in decimals: i. 6 tenth=..... ii.  $\frac{8}{10} = \dots\dots\dots$

2. Express in decimals: i.  $\frac{4}{10}$  ii.  $2\frac{8}{10}$

3. Fill in the blanks: i.  $1 + 0.5 + 0.08 = \dots\dots\dots$  ii.  $50 + 4 + 0.03 = \dots\dots\dots$

4. Express in decimals: i.  $\frac{36}{1000}$  ii.  $58\frac{120}{1000}$

5. Express in fraction: i.  $0.84 = \dots\dots\dots$  ii.  $6.45 = \dots\dots\dots$

## QUESTION BANK

Class – 4

### SCIENCE

- 1) Fill in the blanks.
  - a) Photosynthesis gives us \_\_\_\_\_.
  - b) Chameleons change their skin colour to \_\_\_\_\_ themselves.
  - c) Most aquatic animals breathe through \_\_\_\_\_.
  - d) The main function of the kidneys is to separate the \_\_\_\_\_ and the waste material.
  - e) \_\_\_\_\_ are bundles of cells and fibres connected to bones.
  - f) Preserving food in water with salt added to it to prevent the growth of microorganisms is known as \_\_\_\_\_.
  - g) A \_\_\_\_\_ has all nutrients in the required proportions.
  - h) \_\_\_\_\_ are known as body-building foods.
  - i) An adult human develops a total of \_\_\_\_\_ permanent teeth.
  - j) \_\_\_\_\_ fibres are usually easy to dye.
  
- 2) Give one word answer.
  - a) The outer coating of teeth. \_\_\_\_\_
  - b) Doctor who looks after teeth. \_\_\_\_\_
  - c) Food enters the stomach through this. \_\_\_\_\_
  - d) Connects the muscles to the bones. \_\_\_\_\_
  - e) Shape of birds that fly. \_\_\_\_\_
  - f) Animals that no longer exist. \_\_\_\_\_
  
- 3) Correct the false statements.
  - a) Natural fibres are more durable than synthetic fibre.
  - b) Sunaina is three years old. She has permanent teeth.
  - c) Carbohydrates are essential for stronger teeth and bones.
  - d) Eating fried food is healthy.
  - e) The human brain is divided into four parts.
  
- 4) Differentiate between:
  - a) Canines and Premolars
  - b) Natural fibres and Artificial fibres
  - c) Invertebrates and Vertebrates
  
- 5) Name any two:
  - a) Terrestrial plants
  - b) Non-green plants
  - c) Reptiles

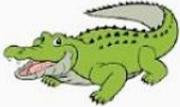
- d) Aquatic animals
  - e) Extinct animals
  - f) Carnivores
  - g) Sources of fats
  - h) Sources of proteins
  - i) Natural fibres
  - j) Scavengers
- 6) Draw a well-labelled diagram of:
- a) Structure of teeth
  - b) Excretory System
  - c) Digestive system
  - d) Process of photosynthesis
  - e) Life cycle of a butterfly
- 7) Answer the following questions.
- a) How are cotton fibres made?
  - b) What are the different types of teeth?
  - c) What is food preservation?
  - d) Why do we need to have food rich in calcium?
  - e) What happens if kidneys do not function properly?
  - f) Why the leaves of aquatic plants do not decay in water?
- 8) Define.
- a) Microbes
  - b) Tooth enamel
  - c) Tendon
  - d) Ligament
  - e) Habitat
- 9) (Activity)

Find the names of the animals in the grid.

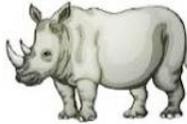
LION



CROCODILE



RHINOCEROS



ELEPHANT



GORILLA



BEAR



GIRAFFE



ZEBRA



WOLF



MONKEY



TIGER



G	A	A	T	R	H	I	N	O	C	E	R	O	S	M
W	O	L	F	A	Y	F	R	M	V	G	W	L	M	S
U	A	U	A	R	L	B	T	I	G	E	R	N	C	P
G	G	B	F	C	Q	H	H	B	C	I	O	T	O	L
E	I	B	Z	R	P	M	O	N	K	E	Y	H	N	I
T	R	N	Q	O	G	Z	V	D	U	D	E	K	V	O
S	A	Y	R	C	C	W	R	J	A	B	S	C	O	N
P	F	F	F	O	E	I	G	O	R	I	L	L	A	C
K	F	H	H	D	J	M	T	S	I	I	Y	X	D	D
V	E	Z	G	I	U	Z	I	X	C	Z	K	D	W	J
L	E	T	G	L	E	J	O	P	V	E	I	M	B	X
F	K	H	L	E	W	M	T	X	U	B	R	R	E	Y
Q	E	Q	F	Z	N	K	J	P	X	R	L	J	A	S
Q	Y	W	X	N	B	D	P	N	O	A	U	O	R	S
E	L	E	P	H	A	N	T	V	Q	Y	K	W	Z	L

10) Classify the following animals as **Reptiles, Amphibians, Arboreal animal, Aquatic animal and Parasites.**

a) Koala



b) Crocodile



c) Octopus



d) Hookworm



e) Frog



Subject – Social Science

Q1. Fill in the blanks to complete the following sentences.

- The Earth's \_\_\_\_\_ is slightly tilted.
- India is a \_\_\_\_\_ surrounded by water on three sides.
- A \_\_\_\_\_ is a region that receives almost no rainfall.
- The biggest commercial port on the Western coast is \_\_\_\_\_
- The \_\_\_\_\_ desert in northwest India.
- Coal and petroleum are example of \_\_\_\_\_ resources.
- The second layer from the surface, known as the \_\_\_\_\_.

Q2. Solve the soil crossword.

ACROSS

- This soil is also called regur soil.
- This soil is porous and contains very little water.
- This soil is formed by the sediments brought down by the rivers in the Gangetic Plains.
- This soil is acidic and found in marshlands.

DOWN

- This soil is found on mountain slopes and is Rich in humus.
- This soil is used to make bricks.
- This soil has large amounts of iron in it.

Q3. Match the following :-

- |                        |                                |
|------------------------|--------------------------------|
| a. Deciduous forests.  | i. highest waterfalls in India |
| b. Jog falls.          | ii. Monsoon forests            |
| c. Coal and petroleum. | iii. Inexhaustible resources   |
| d. Sunlight.           | iv. Exhaustible                |

- e. Kanchenjunga. v.7,818 m
- f. Nanda Devi. vi.8,580m

**Q4. Write T for true and F for false and correct the false ones.**

- a. Terrace farming is common in the Shiwaliks. \_\_\_\_\_
- b. Laterite soil is also used for making bricks. \_\_\_\_\_
- c. Afforestation is the planting of new trees in destroyed forest lands. \_\_\_\_\_
- d. The Thar Desert is also known as the Jog desert. \_\_\_\_\_
- e. A weather map shows national and state highways. \_\_\_\_\_
- f. A peninsula is an area of flat land. \_\_\_\_\_

**Q5. Answer the following questions.**

- a. How is soil formed?
- b. How are forests important to us ?
- c. Name some rivers of the Deccan Plateau.
- d. Where is India located ? Who are her neighbors
- e. How do the Himalayas act as a natural barrier for India ?
- f. Who governs the union territories?
- g. What is easier to use ,a globe or a map?

**Q6. Give reasons for the following:-**

- a. Deforestation leads to problems in the ecosystem.
- b. The subsoil is not as fine as the topsoil.
- c. Cultivation is not possible in the Himadri range.
- d. Sugarcane and rice are grown in the eastern coast .

**Q7. Give one word answer :-**

- a. The process of breaking down of rocks.
- b. A narrow inlet of sea water surrounded by land.
- c. Places in a desert where underground water comes to the surface.
- d. It shows the boundaries of states and countries, major towns and cities.
- e. It is the highest range of the Himalayas.

**Q8. Project work :-**

- a. Draw or paste the picture of Sand, Clay and Loam and also write three points on them .
- b. Collect pictures of different methods of soil conservation and paste it on chart paper.

**Q9. Explore :-**

- a. Collect pictures of some beaches in India. Put them together and make a collage.

**Q10. On a blank physical map of India, mark the following:-**

- Nanda devi
- Dhaulagiri
- Kanchenjunga
- Mt. Everest
- Shiwalik
- Aravalli
- Arabian sea
- Cardamom hills
- Western Ghats
- Eastern Ghats

## Computer Class 5.

### Question Bank for Class 5.

1. What is the full form of ICT?
2. Name two supercomputers which have been developed in India.
3. What is humanoid robot?
4. What is embedded computer?
5. Write full form of following robots-
  - a. QRIO
  - b. ASIMO
  - c. PaPeRo
  - d. AIBO
6. Write any three advantage of Robot
7. Write any three disadvantages of Robot
8. What is full form of CT scan?
9. What is full form of MRI?
10. What are gadgets?
11. Write features of QRIO Robot.
12. What is a screensaver?
13. What is control panel used for?
14. Name any two patient monitoring equipments
15. What is the full form of ATM?

\*\*\*\*\*

## Class 5

### English

#### Questions and answers

1. How did the crocodile and the monkey meet? Who proposed the plan of carrying the monkey down into the water?
2. Who is the poet in "The good natured girls"? Did they help their parents in anyway?
3. Why was Ramu kaka's days passed peacefully? What do you think did he do a right job?
4. What do you understand by a sentence? Mention the types of sentences.
5. Complete the sentences:
  - a. A dentist is a doctor.....
  - b. Maya and Bela....
  - c. I cannot.....
  - d. Can you....?
  - e. Has Rohan.....?
6. Arrange the words to make a complete sense:
  - a. She come late home did why?
  - b. Lesson should teach I him a.
7. Frame a question with the given words:
  - a. How
  - b. When
  - c. Cannot
  - d. Has not
8. There are how many parts of speech? Give example of each.
9. Identify the parts of speech.
  - a. Soni is jumping into the pool.
  - b. This is a very tasty apple.
  - c. He is a smart boy.
10. Write a letter to your parents asking for cycle as a birthday gift.

# NARYUG VIDYALAYA, BHAGALPUR

Class - V (Session 2021-22) Subject - Hindi  
Question Bank for Mid term

संगी प्रश्नों के उत्तर लिखें -

1. 'मारीच-वध' कविता 'रामचरितमानस' के किस कांड से ली गई है ?  
(क) सुंदरकांड (ख) अरण्यकांड (ग) उत्तरकांड
2. वैदेही कौन है ?  
(क) जीता (ख) रीता (ग) सीता
3. सीताजी श्री राम से क्या लाने को कह रही है ?  
(क) मृग का छाल (ख) वाघ का छाल (ग) ऊँट का छाल
4. 'मारीच-वध' कविता के कवि का क्या नाम है ?  
(क) कालीदास जी (ख) तुलसीदास जी (ग) सूरदास जी
5. मृग का रंगरूप कैसा था ?  
(क) सोने और मणिओं से बना हुआ (ख) चींटी से बना हुआ  
(ग) लोहे से बना हुआ
6. दस बजे लेशक कहाँ पहुँचा ?  
(क) औट (ख) रोहतांग (ग) कटराई
7. कुल्बू-मनाली के कौन-से फल प्रसिद्ध हैं ?  
(क) सेब (ख) नाशपाती (ग) दोनों
8. व्यास-कुंड कहाँ है ?  
(क) मनाली में (ख) रोहतांग की जित पर (ग) दाना में
9. हिडिंबा देवी का मंदिर किससे बना हुआ है ?  
(क) पत्थर से (ख) लकड़ी से (ग) चुने से
10. डाकिया बनने से पहले रामपाल सिंह क्या था ?  
(क) ग्राम सेवक (ख) ग्रामीण डाक-सेवक (ग) सेवक
11. गाँव के बूढ़े व्यक्ति क्या पाकर खुश हो जाते हैं ?  
(क) पेंशन (ख) चिड़ड़ी (ग) रजिस्ट्री
12. डाकिए रामपाल सिंह ने पत्राचार से कौन-सी परीक्षा उत्तीर्ण की ?  
(क) बी० ए० (ख) एम० ए० (ग) पी-एच० डी०
13. डाकिया रामपाल सिंह अपने काम से कैसे हैं ?  
(क) संतुष्ट है (ख) दुखी है (ग) परेशान है
14. साचिन का व्यवहार कैसा है ?  
(क) प्रशंसनीय (ख) निंदनीय (ग) सामान्य
15. हमारी वाणी कैसी होनी चाहिए ?  
(क) कटु (ख) कर्कश (ग) मृदु
16. शिष्याचार दिखाने के लिए किस शब्द का प्रयोग करना चाहिए ?  
(क) धन्यवाद (ख) कृपया (ग) दोनों का

17. विलोम शब्द लिखें -

झिड़त, योग्य, समाप्त, सज्ज, मृदु

18. क्मन बदलें -

शब्द, प्राणी, दूसरा, वस्तु, चीज, लोग

19. सही संबंधवाचक शब्द चुनकर खाली स्थान में भरिए -

(क) पैड़ — बंदर है। (के अंदर/के ऊपर)

(ख) घर — कुत्ता मौक रहा है। (के नीचे/के बाहर)

(ग) राम — ब्रह्मा आया। (के बाद/के ऊपर)

(घ) यमुना दिल्ली — बहती है। (के दूर/के पास)

(ङ) चने — धुन भी पिसता है। (के साथ/के पास)

(च) मोहन — फल लाया है। (के लिए/के साथ)

19. रंगीन शब्द विशेषण है, उसके सही अर्थ के सामने (✓) का चिह्न

लगाइए -

(क) यह घर रजनीश का है।

संख्यावाचक  गुणवाचक  सार्वनामिक

(ख) आसमान में काले बादल छारे हैं।

गुणवाचक  संख्यावाचक  परिमाणवाचक

(ग) मैज पर कुछ पुस्तकें रखी हैं।

परिमाणवाचक  संख्यावाचक  गुणवाचक

(घ) चाय में थोड़ी चीनी डाल दो।

परिमाणवाचक  संख्यावाचक  सार्वनामिक

(ङ) शैली सुंदर लड़की है।

संख्यावाचक  गुणवाचक  परिमाणवाचक

20. सही उत्तर के सामने (✓) का चिह्न लगाइए -

(क) पुरुषवाचक सर्वनाम है -

तुम  क्या  खुद

(ख) अनिश्चित प्राणी या वस्तु की जानकारी देता है -

यह  वे  कोई

(ग) स्वयं के विरुद्ध प्रयोग होने वाला सर्वनाम है -

आप  अपने आप  कुछ

(घ) संबंधवाचक सर्वनाम का उदाहरण है -

जहाँ-वहाँ  स्वयं  उन्होंने

21. सही सर्वनाम चुनकर खाली स्थान में लिखिए -

(क) निशी — कहीं जा रही है ? (तुम/वह)

(ख) — चाय लेंगे या कॉफी ? (तुम/आप)

(ग) दरवाजे पर — खड़ा है। (क्या/कौन)

(घ) आप रहने दीजिए, मैं अपना काम — कर लूँगा।

(वह/खुद)

(ङ) — चिंकी की किताब है।

(मे/यह)

22. कारक किसे कहते हैं ?

23. कारक के कितने जेद होते हैं ? नाम सहित लिखें।

24. वचन की परिभाषा लिखें।

25. 'पर्यावरण सुरक्षा' पर निबंध लिखिए।

26. 'जब मैं सपने में पत्नी की तरह उड़ा' छिप्य पर अनुच्छेद लिखिए।

27. हिमालय केवल पर्वत न होकर और क्या है ?

28. भोजन करते समय किस शिष्टाचार का पालन करना चाहिए ?

29. 14 अगस्त, 1947 की रात्रि को क्या कार्यक्रम हुआ ?

30. हामिद रबी के पूछने लेखक ने अपना परिचय किस प्रकार दिया ?

31. वसंत ने गौवन को पाने से पहले क्या-क्या कदम उठाए हैं ?

32. लुई ब्रेल की आँखों की शोशनी क्यों जाती रही ?

33. गोधन कौन था ? उससे गाँव के लोग नाराज क्यों थे ?

34. डाकिए रामपाल सिंह ने अपने परिवार के बारे में क्या बताया ?

35. कुल्लू के शहर के मेले में क्या-क्या वस्तुएँ मिलती हैं ?

36. शब्दार्थ लिखें —

सुमनोहर, विचित्र, अचल, प्राचीन, प्रसिद्ध, अदृश्य

निकट, सम्मान, मुख्य, मूलजने, बैकट, ताना, सलीमा,

सौंदर्य, कार्यशाला, नेत्रहीन, पुरस्कार, आग्रह।

37. अपने प्रधानाचार्य को विद्यालय छोड़ने का प्रमाण-पत्र देने के लिए प्रार्थना-पत्र लिखिए।

Lakshmi Kumari

# Class V

## Maths Mid Term Question Bank

(2021-2022)

### Chapter 1:

1. Write the numbers:

i. Three crore six lakh thirty two thousand.

2. Write the numbers in words:            i. 40, 54, 367

3. Fill in the blanks:

i. In 5, 14, 64,780 the digit 4 is in the .....place.

4. Fill the missing numbers:

i.  $32, 67, 659 = 30, 00, 000 + 2, 00, 000 + \dots + 7000 + 600 + 50 + 9$

5. Form the greatest and smallest 7- digit numbers using each of the given digits only once.

i. 4, 6, 7, 3, 9, 5, 2

6. Write the Hindu-Arabic numerals for the following Roman numerals.

i. LXVI

ii. LXIX

iii. LXXIV

7. Write the Roman numerals for the following Hindu-Arabic numerals.            i. 85    ii. 56

### Chapter 2:

1. Find the sum: i.  $22, 50, 217 + 50, 52, 352$             ii.  $3, 31, 20, 367 + 1, 45, 73, 00$

2. Find the difference: i.  $5, 53, 37, 678 - 1, 45, 13, 560$             ii.  $44, 45, 790 - 30, 23, 456$

3. Estimate the value of each of the following:            i.  $65, 32, 462 + 23, 53, 284$

### Chapter 3:

1. 1. Find the product:            i.  $154 \times 200$

2. Estimate and then multiply.            i.  $4572 \times 646$

3. Divide:    i.  $2480 \div 40$

4. Estimate the value of each of the following:            i.  $65, 489 \div 49$

5. Find the value of value of each of the following. i.  $\underbrace{15 - 10} + 8$
6. Find the value of value of each of the following. i.  $\underbrace{40 \div 8} \times 7$
7. Find the value of value of each of the following. i.  $53 - (17 + 4)$

#### **Chapter 4:**

1. Fill in the blanks.
- a. Factors of 21 = ..... 21 is a .....number.
2. Write the prime factorisation of each of the following numbers using the factor tree method. Use continuous division method to check your answer. i. 40
3. Write the factors of each of the following numbers. i. 27
4. Find the highest common factor of each of the following. i. 56 and 84
5. Find the least common multiple of each of the following. i. 14 and 30

#### **Chapter 5:**

1. Express mixed in simplest form:  $2\frac{7}{3}$
2. Add: i.  $\frac{1}{4} + \frac{1}{8}$  ii.  $2\frac{1}{2} + 1\frac{3}{16}$
3. Subtract: i.  $\frac{8}{9} - \frac{2}{3}$  ii.  $3\frac{3}{4} + 2\frac{1}{8}$
4. Multiply: i.  $\frac{6}{8} \times \frac{1}{3}$  ii.  $15 \times 2\frac{2}{5}$
5. Find the value of:  $\frac{1}{4}$  of 12
6. Find the equivalent measures:  $4\frac{3}{4} \text{ km} = \dots\dots\dots\text{m}$
7. Find the equivalent measures:  $1\frac{2}{3} \text{ years} = \dots\dots\dots\text{months}$
8. Find the equivalent measures:  $6\frac{2}{7} \text{ weeks} = \dots\dots\dots \text{days}$
9. What fraction of 1 hour is 12 minutes?
10. Divide: i.  $2 \div \frac{1}{3}$  ii.  $\frac{7}{8} \div \frac{7}{3}$
11. Raju ran  $1\frac{1}{3}$  kilometres. He ran  $\frac{3}{5}$  kilometre more than Monu. What was the distance that Monu ran?

## **Chapter 6:**

1. Write the equivalent decimals: i. 15.20 ii. 1.280
2. Arrange the decimals in increasing order: 23.389 23.398 23.893 23.938
3. Arrange the decimals in decreasing order: 3.2 0.99 0.79 3.17
4. Add: i.  $59.3 + 12.41$  ii.  $7.38 + 0.04$
5. Subtract: i.  $6.08 - 0.4$  ii.  $5.67 - 0.04$
6. Multiply: i.  $2.5 \times 5$  ii.  $22.8 \times 7.3$
7. Divide: ii.  $25.5 \div 17$  ii.  $20.28 \div 10$
8. Find the equivalent measures: i.  $260\text{m} = \dots\dots\dots\text{km}$  ii.  $1267\text{ ml} = \dots\dots\dots\text{L}$
9. Find the equivalent measures: i.  $0.6\text{kg} = \dots\dots\dots\text{g}$  ii.  $3.125\text{ L} = \dots\dots\dots\text{ml}$
10. Mishra spent ₹ 25.80 and had ₹ 53.94 left. How much money did she have at first?

## **Chapter 7:**

1. Multiply: i.  $7\text{ m } 2\text{ cm} \times 2$  ii.  $16\text{ kg } 74\text{ g} \times 10$
2. Divide: ii.  $9\text{ m } 63\text{ cm} \div 9$  ii.  $65\text{ km } 800\text{ m} \div 7$
3. Fill in the blanks.
  - i. Temperature is measured using a .....
  - ii. Water boils at ..... °C
4. An ant walked a distance of 3 meter 45 centimetres in a minute. How much distance will it cover in 5 minutes?

## **Chapter 11:**

1. Express fraction into per cent: i.  $\frac{3}{4}$  ii.  $\frac{18}{25}$
2. Express per cent into fraction in simplest form: i. 55% ii. 30%
3. Express decimal as per cent: i. 0.49 ii. 0.75
4. Express each per cent as decimal. i. 48% ii. 27%
5. Find the value of: i. 27% of 200 ii. 30% of 94

# Class V

## Science Mid Term Question Bank

(2021-2022)

### Chapter 1:

1. What are aquatic animals?
2. What are scavenger animals?
3. What are aerial animals?
4. What is the meaning of adaptation?
5. What are mammals?

### Chapter 2:

1. What is vertebral column?
2. What is skull?
3. What are ball and socket joints?
4. What is femur?
5. What are cardiac muscles?

### Chapter 3:

1. What is cerebrum?
2. What is cerebellum?
3. What is medulla oblongata?
4. What is spinal cord?
5. What are nerves?

### Chapter 4:

1. What are sepals?
2. What are petals?
3. What is stamen?

4. What is cross pollination?

5. What is germination?

### **Chapter 5:**

1. What are difference between solid, liquid and gas?

2. What are soluble substances?

3. What is condensation?

4. What is solute?

5. What is solidification?

### **Chapter 6:**

1. What are Igneous Rocks? Give examples.

2. What are Sedimentary Rocks? Give examples.

3. What are Metamorphic Rocks? Give examples.

4. What is weathering?

5. What are three layers of soil? Explain them and draw the diagram.

**Class - 5**

**Subject-S.St.**

A. Name the following.

1. The world's highest mountain and the continent it is located in.  
\_\_\_\_\_.
2. The world's largest freshwater lake. \_\_\_\_\_.
3. Which two continents share the same land mass? \_\_ & \_\_.
4. Which Mauryan emperor set up a Buddhist monastery and religious centre in Sanchi ? \_\_\_\_.
5. Name the city of Victory. \_\_\_\_\_.

B. Fill in the blanks.

1. \_\_ is the largest continent in the world.
2. \_\_ is the world's deepest lake .
3. The \_\_, the longest river in the world, flows through Africa.
4. The Earth is known as the \_\_ planet.
5. \_\_ help us calculate time.
6. \_\_ divides the Earth into the Western and Eastern hemispheres.
7. \_\_ divides the Earth into two halves - the Northern and Southern hemispheres.
8. The Parliament House has \_\_ pillars.
9. The Sun Temple is constructed as a chariot with seven horses and twelve \_\_\_\_.
10. The Taj Mahal is located on the bank of river \_\_.

C. Write whether the following statements are true or false.

1. Asia is the largest and Australia is the smallest continent. \_\_
2. Most of the North America has the same climate type. \_\_
3. Indians started writing on palm leaves much before paper was invented. \_\_
4. Shah Jahan built the Taj Mahal in the loving memory of his father. \_\_
5. Indian paintings are diverse, historic and unique and represent India's cultural heritage. \_\_

D. Tick (✓) the correct answer.

1. The place where the Sun Temple is situated.
  - a. Konark, Odisha
  - b. Madurai, Tamil Nadu
2. Which dynasty built the Meenakshi Temple at Madurai.
  - a. Mughal Dynasty
  - b. Nayak Dynasty
3. Within the Agra Fort is a white marble mosque called
  - a. The Moti Masjid
  - b. The Jama Masjid
4. Who built Qutub Minar ?
  - a. Qutub-ud-Din Aibak
  - b. Shah Jahan
5. The 0° longitude known as the \_\_
  - a. Prime Meridian .
  - b. Equator .
6. The 180° longitude is known as the \_\_
  - a. International Date Line.

b. Prime Meridian.

E. Answer the following question.

1. What is Latitude ?
2. What is a longitude ?
3. Arrange the oceans of the world in decreasing order by size.
4. Name the continents in order to their land masses in descending order.

**CLASS VI**

**QUESTION BANK (BIOLOGY)**

Q1) DIFFERENTIATE:-

- a) herbs and shrubs
- b) creeper and climber
- c) tap root and fibrous root
- d) stamen and pistil

Q2) DRAW WELL LABELLED DIAGRAM OF :-

- a) leaf
- b) flower
- c) tap root
- d) fibrous root

Q3) FILL IN THE BLANKS:-

- a) The framework of human body is called .....
- b) The backbone consist of ..... vertebrae.
- c) The part of leaf by which it is attached to the stem is called.....
- d) The design made by veins in a leaf is called .....
- e) Body shape of fish is .....

Q4) WRITE SHORT NOTES ON :-

- a) Ball and socket joint
- b) Pivotal joints
- c) Flower

Q5) MATCH THE FOLOWING:-

- |            |                 |
|------------|-----------------|
| a. Lamina  | 1. Stamen       |
| b. ovary   | 2. Bone of hand |
| c. Anther  | 3. Pistil       |
| d. carpels | 4. Leaf         |
| e. elbow   | 5. Hinge joint  |

Q6) DESCRIBE THE MOVEMENT OF FISH?

Q7) HOW MANY PAIRS OF LEGS AND WINGS DO COCKROACH HAVE?

## **CLASS VI**

### **QUESTION BANK (CHEMISTRY)**

Q1) EXPLAIN :-

- A. WINNOWING
- B. SEDIMENTATION
- C. DECANTATION
- D. FILTRATION
- E. EVAPORATION
- F. CONDENSATION
- G. MELTING

Q2) Give examples to explain the difference between changes that can or cannot be reversed.

Q3) FILL IN THE BLANKS :-

- a. some changes can be .....and some changes cannot be.....
- b. on blowing air, a balloon expands/contracts?.....
- c. when the heavier components settle after water is added to it, the process is called.....
- d. heavier and lighter particles can be separated by.....
- e. salt is obtained from seawater by the process of.....
- f. the method of separating seeds of paddy from its stalks is called.....

Q4) ANSWER IN ONE WORD:-

- a. the solution in which no more of the substances can be dissolved.
- b. the process by which liquid gets converted into its vapour.
- c. method from which husk and stones can be separated.
- d. the process that is used to separate grain from stalks.
- e. process used for separation of a mixture of an insoluble solid and a liquid.

Q5) What is sieving? where is it used?

## **CLASS-6**

### **CIVICS**

#### **CHAPTER-1**

##### **Unity in Diversity**

- Q1. How you can say India is a diverse country?
- Q2. What is culture?
- Q3. Write the names of national festivals of India.
- Q4. What are the two major kinds of dance of India?
- Q5. Write the names of important dance of India and where it is famous?
- Q6. Write the names of two important epics of India.
- Q7. Write the names of folk dances of India and where it is famous?
- Q8. Write the name of two main School of classical music.
- Q9. Who built Stupas of Sanchi and Taj Mahal?
- Q10. What are the symbols of our Unity?
- Q11. What is Phiran?
- Q12. What is globalisation?
- Q13. How has globalisation affected our world today?
- Q14. What determine the kind of clothes worn by the people of an area?
- Q15. What has revolutionized our way of living?

Do objective questions from the book.

## **CHAPTER-2**

### **All Human Beings Are Equal**

- Q1. Define prejudice.
- Q2. What can prejudice be guided by?
- Q3. What is discrimination?
- Q4. Why poor people are badly treated?
- Q5. What do you mean by stereotypes? Give example.
- Q6. Who is 'special child'?
- Q7. Write the full form of SC and ST.
- Q8. "Cast rules where rigid" explain the statement.
- Q9. Write the name of the categories for whom special steps can be taken by the government.
- Q10. Which part of our constitution deals with fundamental rights?
- Q11. What does fundamental rights contain?
- Q12. How can you say that India is a secular country?
- Q13. Give any two example of prejudice and discrimination that occur every day.

Do objective questions from the book.

## **CHAPTER-3**

### **Forms of Government**

- Q1. What is government?
- Q2. Write the important functions of government.
- Q3. Write the name of the three organs of the government.
- Q4. What is a form of government?
- Q5. From where the word 'democracy' is derived ?
- Q6. What do you mean by "Universal Adult Franchise"?
- Q7. Write characteristics of an authoritarian government.
- Q8. Differentiate between parliamentary and presidential form of government.
- Q9. Write the features of federal form of government.
- Q10. What is constitution? Why is it important?
- Q11. What do you mean by written and unwritten constitution? Give example.
- Q12. What do you mean by rigid and flexible constitution?
- Q13. What do you mean by Franchise?
- Q14. Define unitary government with example.
- Q15. What do you mean by universal suffrage?

Do objective questions from the book.

## **CHAPTER-4**

### **Democracy**

- Q1. Write the meaning of democracy.
- Q2. What do you mean by representative democracy?
- Q3. What is party manifesto?
- Q4. What do you mean by universal adult franchise?
- Q5. Write any three causes why many people do not cast their vote?
- Q6. What do you mean by coalition government?
- Q7. Explain the important features of democracy.
- Q8. What is public opinion?
- Q9. Describe the Agencies which help in the formation of public opinion.
- Q10. Write any three important causes of water dispute in India.

Do objective questions from the book.

## **CHAPTER-5**

### **PANCHAYATI RAJ SYSTEM**

- Q1. Define Panchayati Raj. What are its aim?
- Q2. Write in short the structure of Panchayati Raj.
- Q3. Write any five rules which became effective from April 1993 regarding Panchayati Raj.
- Q4. How many seats are reserved for women in gram panchayat?
- Q5. Write the importance of Gram Panchayat.
- Q6. What are the sources of income of Gram Panchayat?
- Q7. What is a Nyaya Panchayat? Write its function.
- Q8. Write the importance of B.D.O.
- Q9. Write the source of income of Zila Parishad.
- Q10. What role does the state government play in the Panchayati Raj?

Do objective questions from the book.

## Computer Class 6.

### Question Bank for Class 6

1. What is splitting of table?
2. What is merging of cells?
3. Write examples of Language translators.
4. What is difference between file and folder?
5. What are wild cards?
6. Write difference between Row and Cell.
7. Why are tables used in MS Word?
8. What is column?
9. What is file format?
10. Write difference between compiler and interpreter.

\*\*\*\*\*

# Navyug Vidyalaya

## Bhagalpur

### Sub-English

#### Class-6

1) Why is a team declared winner in Kabaddi?

2) Write the names of some popular Indian Kabaddi champions.

3) Why was Daddy Blake building little wooden frames in the garden?

4) Why were hail storms harmful for plants?

5) Why was Mob worried about?

6) Fill in the blanks with the correct answers

a) Daddy Blake took Hal and Mob to the \_\_\_\_.

b) The wooden frames help hold up the \_\_\_\_.

c) Heavy hailstorms tear the leaves of \_\_\_\_ plants to \_\_\_\_.

d) \_\_\_\_ has broad leaves that can be torn by \_\_\_\_.

7)What was Daddy Blake building little wooden frames in the garden.

8)Why are hail storms harmful for plants?

9)What was Mob worried about and why?

10)Find synonyms of the given word

1)difficulty

2)wide

3)unusual

11)Who was building the Wooden Frame?

12)What is a hail?

## **Class VI**

### **Subject :Geography**

#### **(Question Bank)**

1. Name the planets according to their increasing size.
2. Why is the earth called as Blue Planet?
3. What is the significance of the Sun in the Solar System?
4. How is the Earth a unique planet in the Solar System?
5. Compare the features of the Torrid Zone and Temperate Zone
6. What are the main characteristics of the Meridians ?
7. Why are days and nights caused?
8. What are the effects of the earth's Rotation ?
9. What are the various components of a Map?
10. Explain the purpose of different types of Maps?
11. Name the continents in increasing order of their size.
12. Name the different layers of the Atmosphere.
13. What is the importance of the Atmosphere.

**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-VI**  
**(Question Bank) SUBJECT-हिन्दी Session (2021-22)**

1. 'कोशिश करने वालों की हार नहीं होती' कविता के कवि हैं?  
(i) भरत व्यास (ii) सोहन लाल द्विवेदी (iii) भवानी प्रसाद मिश्र
2. जीवन रूपी नौका को पार लगाने के लिए क्या आवश्यक है?  
(i) निरंतर प्रयत्न करते रहना (ii) मेहनत बेकार नहीं होती (iii) सफलता की आश में रहना
3. बैंक की मशीन के पास मिले रूपयों से मरे लिफाफे को देखकर कारवास्की क्या सोचा?  
(i) वह व्यक्ति जाने कहाँ-कहाँ झटक रहा होगा (ii) रूपये खोने पर परेशान होगा  
(iii) दोनों विकल्प सही
4. 'धन्य हैं वे, जो स्वार्थ में अंधे नहीं होते और प्रलोभन के आगे नहीं झुकते किसने कहा।  
(i) लिल मिलर ने (ii) कार वास्की ने (iii) बैंक अधिकारी ने
5. मनुष्य के समान पलकें किस मछली की होती हैं?  
(i) ह्वेल (ii) शार्क (iii) झींगा
6. सबसे ज्यादा समय पानी के बाहर बिताने वाली मछली कौन-सी है?  
(i) शेर मछली (ii) मडस्किपर (iii) क्लाउन फिश
7. कुदरत की चित्रकारी किन जलचरों पर दिखाई देती है?  
(i) क्लाउन फिश और दलदल आइडल मछली (ii) सी हौर्स (iii) शेर मछली और ह्वेल
8. मनुष्य का सबसे बड़ा मित्र लेखक ने किसे बताया?  
(i) परिश्रम को बताया (ii) साहित्य को बताया (iii) अमरनाथ झा को
9. हमें प्रभु के सहारे की कब आवश्यकता हो सकती है?  
(i) जब दूसरे बुरा कर रहे हों (ii) जब हम पर जुल्म हो रहा हो  
(iii) जब भलाई करना चाहते हो
10. 'प्रभु' के लिए कवि ने किस विशेषण का प्रयोग किया है?  
(i) दयालु (ii) मालिक (iii) नेक
11. मुकुल शर्मा ने प्रतिज्ञा लेते हुए क्या कहा?  
(i) हम प्रतिज्ञा करते हैं कि खेल पूरी ईमानदारी, न्याय और सहयोग के साथ होगा।  
(ii) प्रतियोगिताएँ प्रारंभ करने की घोषणा करता हूँ।  
(iii) मुकुल बुबुल शर्मा ऑन द टॉप।
12. अमरनाथ जी ने "प्रथम श्रेणी प्राप्त करने का गुरुमंत्र बताते हुए क्या कहा?  
(i) श्रम करो, "रटो; जितना भी संभव हो" (ii) साहित्य का आनंद लो  
(iii) पढ़ना-लिखना सीखो
13. 'पेड़ों को मत कटने देना' कविता में कवि ने सबसे क्या विनती की हैं?  
(i) खतरों से आगाह करते हुए उनके संरक्षण, बचाने की विनती  
(ii) सभी एक दूसरे पर निर्भर है (iii) उपवन की शोभा
14. सड़क पर घायल अवस्था में पड़े आदमी की मदद के लिए कोई आगे क्यों नहीं आता?  
(i) संवेदनशीलता की कमी, कानून का डर (ii) धनवान होने के कारण  
(iii) स्वच्छ वस्त्रों में सुशोभित होने के कारण
15. पूरे जीवन में समय का सदुपयोग आवश्यक है, किंतु बचपन में इसको अपनाना अधिक लाभकारी क्यों है।  
(i) यह वह काल खंड है जब जीवन की आधार शिला रखी जाती है।  
(ii) नई-नई जानकारियाँ, ज्ञान का उपयोग, भविष्य के कार्य क्षेत्र में योग्य और सफल होगा।  
(iii) उपर्युक्त सभी
16. परीक्षा का समय आने पर घबराहट क्यों होती है?  
(i) समय का सही उपयोग नहीं करने के कारण  
(ii) समय जल्द आ जाने के कारण (iii) बहुत प्रश्न होने के कारण
17. खेल के अंतिम चरण में कौन से दो प्रतियोगी शेष थे?  
(i) मुकुल की माँ, लेखिका की माँ (ii) लेखिका, मुकुल की माँ  
(iii) प्रधानाचार्य और शिक्षक
18. पिता और पुत्र में क्या मुकाबला था?  
(i) चोटी तक जो पहले पहुँचेगा वह विजयी होगा (ii) तेजदौड़ लगाने की  
(iii) पहाड़ी पर सैर करने की

19. 'समस्या लाइलाज हो जाए, दरार खाई बन जाए उससे पहले समाधान खोज लेना चाहिए।' किसने कहा—  
 (i) पिता ने कहा (ii) मित्र ने कहा (iii) लोगों ने कहा
20. जलपरी ने पानी में बसी अपनी दुनियाँ को अनोखी दुनिया क्यों कहा है?  
 (i) धरती के भीतर भी प्रकृति का करिश्मा छिपा है।  
 (ii) सागर की गहराइयों में अनोखे अद्भुत प्राणी बसते हैं।  
 (iii) अनोखी दुनिया के लिए दोनों सही है।
21. 'प्रतिदान' पाठ के लेखक है।  
 (i) यशपाल जैन (ii) माखनलाल चतुर्वेदी (iii) मैथिलीशरण गुप्त
22. 'जी हजूरी करना मुहावरा का सही अर्थ है—  
 (i) खुशामद करना (ii) मूर्ख बनाना (iii) शेखी बघारभा
23. किस वाक्य में 'वचन' का सही प्रयोग है—  
 (i) घोड़ा घास चर रहे हैं (ii) नदियाँ प्रदूषित हो गई हैं (iii) बच्चा खेल रहे हैं
24. 'कवि' शब्द का सही स्त्रीलिंग शब्द है—  
 (i) कवयित्री (ii) कवियत्री (iii) कवयीत्री
25. मेरे मित्र.....घर बहुत सुंदर है। रिक्त स्थान में परसर्ग होगा—  
 (i) की (ii) का (iii) के
26. छत.....आकर खेलो। रिक्त स्थान में परसर्ग होगा—  
 (i) पर (ii) में (iii) को
27. 'जहाँ पर तरह-तरह के पशु-पक्षी रखे जाते हैं' वाक्यांश के लिए एक शब्द है—  
 (i) चिड़ियाघर (ii) घोंसला (iii) जंगल
28. 'सूर्योदय' शब्द का सही संधि-विच्छेद है—  
 (i) सूर्य+उदय (ii) सूर्या+उदय (iii) सूर्य+अउदय
29. 'उत्तर' शब्द के लिए उपयुक्त अर्थ नहीं है  
 (i) एक दिशा जवाब (ii) हिस्सा, जोड़ (iii) संख्या, दिशा
30. इन शब्दों का दो पर्यायवाची शब्द लिखें—  
 हवा, धरती, पहाड़, पक्षी, पुत्र, पानी, बादल, फूल, शरीर, बगीचा।
31. इन शब्दों का विलोम शब्द लिखें—  
 स्वतंत्र, सफलता, स्वच्छ, स्वामी, विश्वास, उन्नति, प्रकाश, कोमल, गुण।
32. चालक-चालाक, दिनी-दीन, और-ओर, मूल-मूल्य, शब्दों का भिन्नार्थक शब्द लिखें।

\*\*\*\*\*

## **CLASS 6**

### **History**

#### **Chapter 1 – Studying the Past**

1. Define history.
2. Why study of the past is important?
3. In how many time periods History is divided? Name them.
4. What is prehistory? Give example.
5. What is proto history? Give example.
6. Write the full form of BCE and CE.
7. When and between whom Kalinga war was fought?
8. Why people first settled near river valleys?
9. What are the two types of sources of history?
10. What do you mean by archaeological sources?
11. Write the name of different types of Archaeological sources.
12. What are monuments? Give example.
13. How are coins a valuable source of information about ancient India?
14. What are manuscripts?
15. Give example of some religious literature.
16. Describe secular literature.

Do objective questions from book of chapter 1

## **Chapter 2 – Early Humans I**

1. Why were early humans always on the move?
2. In how many periods Stone Age is divided? Name them.
3. What are sites?
4. What is Flint?
5. Why did early humans use Flint to make tools?
6. Write the name of the techniques used by early humans.
7. Describe stone on stone technique.
8. Describe pressure flaking techniques.
9. Write the use of stone tools.
10. How was fire useful to the early humans?
11. Why did early humans paint on cave walls?
12. Why Bhimbetka is famous?

Do objective questions from book of chapter 2

## Chapter 3- Early Humans II

1. Write the name of first cereal grown by early humans.
2. How did agriculture change the life of early humans?
3. Name some of the animals domesticated by early humans.
4. How was the invention of wheels an important step towards progress of early humans?
5. Why did early humans make pottery? How did they learn to make pottery?
6. Describe the pit houses found at Burzahom.
7. Give example of some stone and bone tools.
8. Describe daily life of early humans.
9. Describe modes of entertainment of early humans.
10. What do you mean by Copper-Stone Age?
11. Write a short note on Daojali Hading.

Do objective questions from book of chapter 3

## **Chapter 4 – The First Cities**

1. What is the Indus valley civilization also known as? Why?
2. Describe the extent of the Indus valley civilization.
3. What are known as twin Capitals of the Indus valley civilization?
4. In how many parts Indus cities were divided?
5. Describe the Great Bath.
6. What do you know about the drainage system of the Indus valley civilization?
7. Write the occupation of the people of the Indus valley.
8. Write the animals domesticated by the people of Indus valley.
9. How was Dholavira different from Indus cities?
10. Write the cause of decline of Indus Valley Civilization.

Do objective questions from the book of chapter 4

## **Chapter 5 – The Age of the Vedas**

1. What do you know about the age of Vedas?
2. How many Vedas are there?
3. Write the name of oldest Veda.
4. What are the archaeological sources of Vedic age?
5. Write differences between Sabha and Samiti.
6. What was the main occupation of the people of this period?
7. Describe the pottery and stone tools found in Inamgaon.
8. What do you know about 'The Megaliths'?
9. Write two important features of megaliths.
10. Write the importance of cow and the horse of this period.

Do objective questions from the book of chapter 5

## **Chapter 6 – Early Kingdoms**

1. Write the sources of information about early kingdoms.
2. What are Janpadas and Mahajanapadas?
3. What was bhaga?
4. What changes in agriculture helped farmers to produce more?
5. Besides agriculture, what were the other sources of revenue?
6. Which factors led to an increase in trade during this period?
7. Describe the Varna system of this period.
8. Write the name of some important towns of this period.
9. Why Magadha was most powerful in this period?

Do objective questions from the book of Chapter 6

**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-VI**  
**SUBJECT MATHEMATICS Session (2021-22)**

1. Fill in the blanks with  $<$  or  $>$  sign.  
(i)  $34512 - 5451$   
(ii)  $63458 - 63548$   
(iii)  $96785 - 95793$   
(iv)  $58934 - 58943$   
(v)  $9413 - 24007$
2. Write for successor of :-  
(i) 197  
(ii) 1358
3. Write the predecessor of:-  
(i) 80  
(ii) 7890
4. Write all the integers between  
(i) -3 and 4  
(ii) -2 and 5
5. How many millimetres are there in 17km?
6. The numbers of scooters produced in a year was 25,43,163, out of these 16,43,078 were sold. How many were still left?
7. Round to nearest 10.  
42,15,94,87.
8. Write the following numbers in roman numerals.  
(i) 12 (ii) 17 (iii) 22 (iv) 29
9. Write the following in Hindu Arabic numerals  
(i) XV (ii) XXVI (iii) XXXIX
10. Fill in the blanks with a whole number to make each of the following a true statement.  
(i)  $23987 \times 0 = \underline{\hspace{2cm}}$   
(ii)  $59083 \times 1 = \underline{\hspace{2cm}}$   
(iii)  $879 \times 56 = 56 \times \underline{\hspace{2cm}}$   
(iv)  $27 \times 98 \times 35 \times 35 \times \underline{\hspace{2cm}} \times 27$   
(v)  $87 \times 19 = 19 \times (80 + \underline{\hspace{2cm}})$
11. Simplify:-  
(i)  $5 \times 6 \div 2$  (ii)  $28 - 18 \div 9$
12. List the first five multiples of:  
(i) 7 (ii) 11 (iii) 12 (iv) 16
13. Use the prime factorisation method to determine the HCF of each of the following:  
(i) 12, 18 (ii) 22, 34
14. Find the LCM of the following by prime factorisation method:  
(i) 24, 60 (ii) 10, 12, 18.
15. Evaluate : (i)  $|-5| + |3|$   
(ii)  $|-7| \times |-2|$

16. Add without using the number line  
(i) -8, -4.  
(ii) 5, -4
17. Write two equivalent fractions for each of the following  
(i)  $\frac{4}{7}$       (ii)  $\frac{5}{9}$
18. Find (i)  $\frac{1}{7}$  of 14      (ii)  $\frac{1}{8}$  of 400
19. Solve : (i)  $\frac{2}{7} + \frac{4}{7}$       (ii)  $\frac{5}{22} + \frac{17}{22}$
20. Add : (i) 8.3, 5.6  
(ii) 7.42, 2.59
21. Subtract : (i) 7.23 from 9.75  
(ii) 0.36 from 18.24
22. Using decimal notation express.  
6m 15cm in metres.
23. Find the value of the following expressions If a=4 and b=2  
Then (i) a+b  
(ii) a+5b
24. Solve the equation.  
(i)  $x+10=16$   
(ii)  $x+16=25$

# NAVYUG VIDYALAYA BHAGALPUR

CLASS 6

QUESTION BANK

SUB PHYSICS

SESSION 2021-22

**Q1 Define periodic and non-periodic motion with examples**

**Q2 What do you mean by measurement?**

**Q3 The height of a building is 12.45 m. Express this into cm**

**Q4 Arrange the following lengths in their increasing magnitudes**

**1 m ; 1 cm; 1 km; 1 mm**

**Q5 fill in the blanks:**

**A six meter is equal to.....**

**B ten km is equal to.....**

**C motion of wheel of a bicycle is.....**

**Q6 Write two main characteristics of light**

**Q7 Define opaque and transparent objects**

**Q8 What is reflection of light? Draw a diagram showing reflection from a surface**

**Q9 what is a shadow?**

**Q10 Fill in the blanks:**

**A light travels in a .....line**

**B bouncing back of light from a surface is called.....**

**C objects that give its own light are called.....**

**.....X.....**

- 1 संस्कृत वर्षा ऋतु में कुल कितने वर्षा होते हैं?  
(क) 25 (ख) 46 (ग) 13 (घ) 44
- 2 सरस्वती की संख्या संस्कृत में कुल कितने होते हैं?  
(क) 15 (ख) 13 (ग) 11 (घ) 17
- 3 पिछले जमाने के लिए किसी अन्य वर्ष की सहायता नहीं लेनी पड़ती है, वे क्या कहलाते हैं?  
(क) विलग (ख) लवर (ग) अक्षयन् (घ) इनमें से कोई नहीं
- 4 अ + न् + इ + श् + इः के मेल से कौन 2102 वर्णों में आती है? (क) अतिथिः (ख) अतीथिः (ग) अतिथः (घ) अतीथीः
- 5 बालक शब्द रूप का तृतीया विभक्ति के एकवचन में क्या होता है?  
(क) बालकान् (ख) बालकेन (ग) बालकाय (घ) बालकस्य
- 6 पठ् धातु का लट्लकार प्रथमपुरुष एकवचन में क्या होगा?  
(क) पठति (ख) पठतः (ग) पठन्ति (घ) पठसि
- 7 देवेशः का संज्ञा विच्छेद क्या होगा?  
(क) देव + ईशः (ख) देवा + ईशाः (ग) देवै + ईशाः (घ) देव + ईशाः
- 8 मनुष्यः — चलति ।  
(क) चराम् (ख) चरामाम् ग चराम्  
(घ) चरान् ।
- 9 अकारान्त पुलिङ्ग — ।  
(क) अजा (ख) अजाः (ग) मुनिः (घ) मदी
- 10 अकारान्त पुलिङ्ग — ।  
(क) मुनिः (ख) नर (ग) लता (घ) कुठ

11 पिता — मातृकं ददाति

(क) पुत्राय (ख) पुत्राय (ग) पुत्रम् (घ) पुत्रान्

12 विभिन्न प्रकार की ध्वनिगतियों का क्या कहते हैं ?

(क) वषट् (ख) शौच्य (ग) वाक्य (घ) ध्वनिगतियों का वर्गीकरण

13 संस्कृत व्याकरण में व्यंजन वर्णों की संख्या कितनी है ?

(क) 33 (ख) 25 (ग) 13 (घ) 21

कालक में दिये गए उचित उचित कहे गए हैं या नहीं कीजिए

(क) - - - - - वृज्यान् । (बालकाः, ममराः)

(ख) . . . . . विकसन् । (फलाणि, पुत्रप्राप्तिः)

(ग) - - - - - वदति । (पुत्रवाहः, पवनः)

(घ) . . . . . गायन् प्रयति । (आनकः, ममकाः)

(ङ) - - - - - शान्तिं करोमि । (अहम्, एवम्)

(च) - - - - - कुरुते । (सिंहः, वाजरः)

15 प्रश्न का निर्माण कीजिए

(क) शा. पिता, मातृकं, ददाति । (किम्, कः)

(ख) तत्र फलम्, कालि । (कम्, किम्)

(ग) मातृकं कदापि फलाणि ददाति । (के, कानि)

(घ) तत्र गजाः सन्ति । (कः, क)

इ. तं मालाकाराः ददाति । (क, का)

य. शुकः वदति । (कः, क)

कः — वदति ?

16 को-6क में शुद्ध विकल्प चुनकर वाक्य की पूर्ति कीजिए

(क) छात्रा सुपम औदनं च — । (पठति, पचति)

(ख) त — सान्नि । (छात्रः, छात्राः)

(ग) — उच्यः गर्जनः । (सिंहः, सिंहः)

(घ) अहम् — स्वाहायि । (फलान्, फलानि)

(ङ) मम — कुत्र सान्नि ? (पुस्तकाः, पुस्तकानि)

17 पाठ के आधार पर शुद्ध विकल्प का चुनिए -

(क) अहम् त्वाम् — दर्शयामि । (पाठयाम्, पुस्तकम्, गृहम्)

(ख) त्वया — । कुत्र आम्वा पचति । (गौशाला, पाठशाला, पाठशाला)

(ग) वचम् — पश्चामः । (सङ्घः, पाठकम्, दूरभाषम्, दूरवीक्षणम्)

(घ) पत्रवाहकः — आनगति । (फलानि, पत्राणि, पुस्तकानि)

(ङ) अहम् — प्रति पत्रं लिखामि । (पत्रवाहकम्, अहम्, भाषाशास्त्र)

18 को-6क में दिए गए उचित क्रियापद चुनकर वाक्य की पूर्ति कीजिए

(क) प्रभ्राः — । (प्रमन्ति, गुग्जन्ति, नन्दन्ति)

(ख) पवनः — । (पठति, गच्छति, वहति)

(ग) जनाः — । (क्रीडन्ति, कूपन्ति, प्रमन्ति)

(घ) पुष्पम् — । (विकसन्ति, विकसति, विकसतः)

(ङ) बाला — । (क्रीडति, क्रीडतः, क्रीडन्ति)

19 को-6क में दिए गए निर्देशानुसार वचन बदलिए

(क) तत्र कमलम् । (बहुवचन)

(ख) तत्रानि यक्षाणि । (एकवचन)

(ग) तत्र पुस्तकम् । (द्विवचन)

(घ) तत्र गृहम् । (बहुवचन)

(ङ) तत्र वृक्षः । (बहुवचन)

20 को-6क में दिए गए उचित पद से वाक्य की पूर्ति कीजिए

(4)

(क) सिंहाः — गर्जन्ति । (मपुसम्, उच्यते)

(ख) अश्वो — पावति । (नीबम्, मपुसम्)

(ग) पिकः — कूयति । (मपुसम्, कथम्)

(घ) — एकः वानरः कूदति २ (नष्टि, किम्)

(ङ.) — वानराः कूदन्ति । (नष्टि, किम्)

21 य अल्पय को उचित लयान में परिवर्तित

उदाहरणम् — अनुना, कामा विना च क्रीडन्ति

(क) धात्रः पठति निरवति

(ख) लघ्वाः, अघ्वाः, बघ्वाः गौरवाः हसन्ति ।

22 कोष्ठक में दिए गए उचित विकल्प चुनिए

(क) वयम् — । (तरन्ति, तरामि, तरामः)

(ख) यूयम् — । (गायन्ति, गायथा, गायथे)

(ग) अहम् — । (पचति, पचामि, पचसि)

(घ) एवम् — । (नृच्यति, नृच्यसि, नृच्यामि)

(ङ.) त्वे — । (हसति, हसन्ति, हससि)

23 नीचे दिए गए वाक्यों को बहुवचन में परिवर्तित कीजिए

(क) एवम् निरवसि । \_\_\_\_\_

(ख) अहम् जमायामि । \_\_\_\_\_

(ग) त्वे तत्र गच्छति । \_\_\_\_\_

(घ) किम् एवम् गायसि २ । \_\_\_\_\_

(ङ.) सा गोपनी पचति । \_\_\_\_\_

24 कोष्ठक में दिए गए विकल्प चुनकर वाक्य की प्रती कीजिए

(क) वृक्षाः — । (पठन्ति, फलन्ति, फलति)

(ख) अध्यापिका — । (पाठयति, पाठयन्ति, पठति)

(ग) गायकाः — । (नृच्यन्ति, गायन्ति, गायति)

(घ) लता — । (पठति, फलति, फलन्ति)

(ङ.) बालकाः — । (क्रीडति, क्रीडन्ति, पाठयन्ति)

(5)

25 संक्षिप्त कवि कहते हैं ?

(क) शिव (ख) वशिष्ठ (ग) शुक (घ) शर्मिष्ठा

(ग) वाक्या के मूल का (घ) इनमें से कोई नहीं

26 संस्कृत में वचन कितने होते हैं ?

(क) एक (ख) दो (ग) तीन (घ) चार

27 संस्कृत में पुरुष कितने होते हैं ?

(क) एक (ख) दो (ग) तीन (घ) चार

28 संस्कृत में श्लोक कितने होते हैं ?

(क) तीन (ख) दो (ग) एक (घ) चार

29 साहित्य का हिन्दी अर्थ होता है ?

(क) काव्य (ख) मना (ग) विद्या (घ) ज्ञान

30 ज्ञान का संस्कृत अर्थ होता है ?

(क) विप्रकः (ख) ज्ञान्यकः (ग) वृद्धमः (घ) ज्ञानः

## **CLASS VII**

### **QUESTION BANK (BIOLOGY)**

Q1) DEFINE:-

- A. Rearing
- B. Shearing
- C. Scouring
- D. Adaptations
- E. Weather
- F. Climate

Q2) FILL IN THE BLANKS :-

- a. Silk fibres are made of.....
- b. Weavers weave silk thread into.....
- c. Caterpillar changes into.....before becoming adult hoods.
- d. ....is a occupational hazard disease.
- e. The rearing of silkworms for obtaining silk is called.....

Q3) Draw life cycle of a silkworm.

Q4) Write down the steps of making fibre into wool.

Q5) Name five breeds of sheep and quality of wool they produce.

Q6) What is weather?what are the different elements of weather?

Q7)What is migration?give example.

Q8)Write down five ways how polar bear survive in polar regions?

Q9) Name different species found in tropical rainforests?

Q10) Distinguish weather & climate?

Q11) What are the ways by which penguin adapt themselves in polar region.

# Navyug Vidyalaya

## Chemistry Question Bank

### Class- VII

#### Very Short Answer Type Question:

1. Name one natural indicator and one synthetic indicator.
2. Name the acid-base indicator extracted from lichens.
3. What colour do the following indicators turn when added to an acid?  
a. Litmus Solution                      b. China Rose indicator
4. Name the metal which is used for galvanising iron.
5. Name the substances which are mixed (alloyed) with iron to make stainless steel.

#### Short Answer Type Questions:

6. What is the indicator? Name three indicators.
7. Name the source from which litmus solutions is obtained. What is the use of this solution?
8. Why does a yellow curry stain on a white shirt turn red when it is washed with soap?
9. Explain why, iron pipes for carrying water are coated with zinc.
10. Describe how, crystals of copper sulphate are prepared.

#### Long Answer Type Questions:

11. What is an acid? Name any two acids. How can you test the presence of an acid in a substance?
12. What is a base? Name any two bases. How can you test the presence of a base in a substance?
13. What is a (a) physical change, and (b) chemical change? Give two examples of physical changes and two examples of chemical changes.
14. What is meant by the rusting of iron? State two conditions necessary for rusting of iron to occur. Explain how, rusting damages iron objects.
15. What happens when a magnesium ribbon is burnt in air? Write a word equation for this process. Name the type of change which takes place.

# CLASS 7

## Civics

### Chapter 1 - Democracy

1. What type of country is India?
2. What do you mean by absolute monarchy?
3. What is dictatorship?
4. Define Democracy.
5. What do you mean by indirect democracy?
6. From where democracy is derived?
7. Write the name of the country which granted equal voting rights first.
8. What do you mean by public opinion?
9. What is rule of law?
10. Who makes laws for us?
11. What will make democracy meaningful?
12. What is political democracy?
13. Write the name of some social evil.
14. Where is truly democratic government possible?
15. What do you mean by economic democracy?
16. Give examples of some economic exploitation.
17. What are the two important principles on which democracy is based?
18. When a democratic government will be meaningful?

Do objective questions from the book.

## Chapter 2 – Pillars of Democracy

1. Write the meaning of collective will.
2. What is the important condition of democracy?
3. How is political awareness an important condition for democracy?
4. Write the importance of enlightened voters.
5. What is public opinion?
6. Why public opinion is essential for a democracy to work?
7. \_\_\_\_\_ and \_\_\_\_\_ are important features of democracy.
8. Discuss how intolerance can destroy the democratic system of a country.
9. What do you mean by politically disciplined citizens?
10. What are the prerequisites of a political party in a democracy?
11. Name any three political parties in your state.
12. Equality and human dignity are the core values of a democracy. Explain

Do objective questions from the book.

## **Chapter 3 – Democracy in action**

1. Who makes laws at National level and state level?
2. What do you mean by universal adult franchise?
3. Write any two conditions when the citizens are unable to enjoy voting rights?
4. Why is a secret ballot an essential feature of Democratic elections?
5. What do you mean by absolute and simple majority?
6. Who appoints chief election commissioner of India?
7. What do you mean by general election, by election and midterm election?
8. What is election manifesto?
9. Why is Political Party called a voluntary association?
10. Write the important functions of political parties.
11. Why are opposition parties important for the smooth running of a democracy?
12. Under what conditions does a political party get recognized as a national party?
13. Who allots election symbols to all parties?
14. Distinguish between reserved and free symbols.
15. What do you mean by a coalition government?

Do objective questions from the book.

## **Chapter 4 – State Government**

1. Write the full form of MLA? Who elects them?
2. Write the full form of MLC.
3. What do you mean by bicameral and unicameral?
4. Write the name of the states which have bicameral legislatures.
5. Write the names of populous and thinly states of India.
6. Write the qualifications to be MLA.
7. What is Bill? How many types of bills are there?
8. How governor is appointed?
9. Write the important power of governor.
10. Who appoints CM?
11. Write the main functions of CM.

Do objective questions from the book.

## **Chapter 5 – Media and Democracy**

1. Describe role of media in democracy.
2. Write important objectives of the media.
3. What is the social responsibility of the media?
4. Write the basic ethical principles of the media.
5. "Journalists should be impartial". Express your views.

Do objective questions from the book.

## Computer Class 7

### Question Bank for Class 7

1. What is presentation?
2. Name different views of presentation in powerpoint
3. What is the use of motherboard?
4. Why is SMPS very important for computer ?
5. What is Transitions?
6. What is Animation?
7. PowerPoint was originally called?
8. Who were the creators of PowerPoint?
9. When was presented created?
10. When was presented renamed to PowerPoint?
11. What is the use of Mail merge?
12. What are action buttons?
13. Differentiate between a slide and a slideshow.

\*\*\*\*\*

# Navyug Vidyalaya

## Bhagalpur

### Class-7

## Subject-English

1) Oh! My Sivna has come

a) Who spoke these lines.

b) Who did the speaker refer to as Sivna?

c) What is the tone of the speaker here?

2) The fort is won, but my lion is gone.

a) Who spoke this line and when was this spoken.

b) Who was the lion? Which quality of a lion is being referred to here?

c) What had the lion accomplished?

3) Who was in command of the mughal forces in Kondana fort?

4) Who were considered the most powerful members of the mughal army?

- 5)What preparations were put in place for the attack on udai singh?
- 6)Who was Tanaji?
- 7)Where did he live?
- 8)Where did he reach fastly?
- 9)Who did the speaker refer to as Sivna?
- 10)What is the camel complaining about?
- 11)Do you agree with the camel that it is ill treated?
- 12)Why do you think people choose camels to side?
- 13)Life is not always comfortable What would you advise the camel to make him feel better?
- 14)Why was the room still?
- 15)Whose gifts were the books?

## Class VII

### Geography(Question Bank)

1. What is Ecosystem? Give three examples of Ecosystem.
2. Give three examples of biotic and abiotic components.
3. What is Pollution?
4. How many types of rocks are there? Give two examples of each?
5. Name the force which originates from within the earth.
6. Explain how Earthquakes occur.
7. Explain the concept of tectonic plates.
8. How are Volcanoes distributed on the Earth ?
9. How are flood plains formed ?
10. Describe the depositional work of the wind.
11. Explain the main features of the Atmosphere.
12. Name and Explain the various types of rainfall.

1. विशेष उत्सवों पर किस रंग के कबूतर को आकर्ष में उड़ाया जाता है ?  
 (i) सुलाबी (ii) सफेद (iii) काका
2. 1950 में रॉयटर ने कौन-सी डाक सेवा शुरू की ?  
 (i) समाचार डाक सेवा (ii) सैदेबा सेवा (iii) यात्रा सेवा
3. ऑरल सोलने पर लेखक ने अपने आपको कहाँ पाया ?  
 (i) सड़क पर (ii) गंदे नाली में (iii) घर में
4. मोटर साइकिल की कायाकल्प का स्वर्ण किसे उठाया ?  
 (i) बीमा कम्पनी (ii) लेखक ने (iii) भारतजी
5. बिना विचार किए काम करने के क्या दुष्परिणाम होते हैं ?  
 (i) बाद में पछताना पड़ता है (ii) धन प्राप्त होता है (iii) धषराहत होती है
6. सयाने व्यक्ति का क्या कर्तव्य होना चाहिए ?  
 (i) मनन करना चाहिए (ii) दान करना चाहिए (iii) सुश्रु रचना चाहिए
7. लेखक किसके आचरण-व्यवहार से परेशान थे ?  
 (i) मित्र के आचरण से (ii) माई के आचरण से (iii) नौकर के आचरण से
8. 'सापेक्षता सिद्धांत' के जनक कौन थे ?  
 (i) न्यूटन (ii) अल्बर्ट आइंस्टीन (iii) वैज्ञानिक
9. 'मिमसाइल मैन' के नाम से कौन प्रसिद्ध हुए ?  
 (i) अब्दुल कलाम (ii) एडिसन (iii) सौंदर्यरो ठेंडा
10. कवि ने हमें 'प्रभाव की नई दिशा' क्यों कहा ?  
 (i) हमारे विचार नए हैं (ii) हम नई आशा जगाते हैं (iii) हमें प्रकाश है
11. वीर-प्रसू माँ कौन होती हैं ?  
 (i) वीरों को जन्म देने वाली (ii) वीरोंके साथ रहने वाली (iii) स्था करने वाली
12. गोल-गोल नच रहे कबूतर को क्या कहा गया है ?  
 (i) श्वेत कबूतर (ii) लवका कबूतर (iii) चेरअमी कबूतर

JULY						
M	T	W	T	F	S	S
31						01
03	04	05	06	07	08	15
10	11	12	13	14	15	22
17	18	19	20	21	22	29
24	25	26	27	28	29	

13. पढ़-लिखकर लाट-बैव. जवन्नर वनेगी ग्रह वाक्य किसने किससे कहा ?  
 (i) माँ ने सावित्री से (ii) लौक ने सावित्री से (iii) पिता ने सावित्री से
14. मानव किस जात से अनजान है ?  
 (i) अपनी ताकत से (ii) मारी खादी से (iii) मंगकर तूफान से
15. मानव को विज्ञान की कौली से क्या हूँदना है ?  
 (i) अनेक चुनौतियाँ (ii) ज्ञान रुपी मीनी (iii) मनिरुप के सपने
16. अमितान्त वचन की रेडियो समाचार प्रसारक की नौकरी क्यों नहीं मिली ?  
 (i) उनकी आवाज अच्छी नहीं मानी गई (ii) वे हिचकिचाते थे (iii) ठीक से कौल नहीं पते थे
17. अटल सबका चोहेता क्यों था ?  
 (i) शानदार पार्टीयाँ और मँछो उपधारकेन डेकारण (ii) जानागाने के कारण (iii) कुशल व्यवहार के कारण
18. 'मुँड गन है अपने इस वीर जाँवाज़ कच्चे पर' ग्रह वाक्य किसने कहा ?  
 (i) शिक्षिका ने (ii) प्रधानाचार्या ने (iii) माता-पिता ने
19. 'सु-चाल' से कनि का क्या तात्पर्य है ?  
 (i) अच्छे सोच विचार से काम करने वाले लोग (ii) अच्छी चाल के लोग (iii) सुरवी रहने वाले
20. 'जिरिधर की कुंडलियाँ कविया के कनि हैं'-  
 (i) रामधारी सिंह 'दिग्कर' (ii) महेश वैरवा (iii) जिरिधर कविराज
21. 'ने' कक चिह्न का प्रयोग होता है -  
 (i) कर्त ककारक (ii) अपादान ककारक (iii) संबध ककारक
22. पैड़ - पक्षी चहचहा रहे हैं। (सधी निकल्प होंटकर मरीं)  
 (i) से (ii) पर (iii) में
23. नदियों के नाम सदा होते हैं।  
 (i) स्त्रीलिंग (ii) पुल्लिंग (iii) क्रिया

AUGUST						
M	T	W	T	F	S	S
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

24. वचन कहे हैं -  
 (i) एक याअनेक का बोध करने वाले शब्दको (ii) विशेषता बताते नालेके (iii) आधर के लिए

25. 'व्याकुल' शब्द का भाववाचक संज्ञा है -  
 (i) व्याकुलता (ii) व्याकुलत्व (iii) व्याकुल
26. गंगा, हिमालय, गन्त, गुलान संज्ञा का उदाहरण है -  
 (i) जातिवाचक (ii) व्यक्तिवाचक (iii) भावनात्मक
27. 'ईद का चाँद होता' मुहावरा का सही अर्थ है -  
 (i) बेजार होना (ii) बहुत कम दिखाई देना (iii) बहुत ऊँचा होना
28. 'परिभ्रमी' शब्द का विलोम शब्द है -  
 (i) आलसी (ii) मेहनती (iii) साहसी
29. 'ईश्वर' का सही पर्यायवाची शब्द है -  
 (i) प्रभु, परमेश्वर (ii) गुरु, भार्या (iii) स्वयं, रूप
30. 'अन्न और अन्य' शब्द का सही अर्थ है -  
 (i) अन्न - दूसरा (ii) अन्न - अपना (iii) अन्य - दूसरा
31. 'आम' शब्द का अनेकार्थी शब्द है -  
 (i) सच्चारण, एक फल का नाम (ii) जल, अन्न (iii) फल, शब्द
32. 'जो पुराने जमाने का हो' वाक्यांश के लिए उचित शब्द है -  
 (i) प्राचीन (ii) पुराना (iii) पिछला
33. 'हिम + आलय' की संधि है -  
 (i) हिमालय (ii) हिमआलय (iii) हिमलय
34. 'अ' उपसर्ग से बनने वाला शब्द है -  
 (i) अज्ञान (ii) अनादि (iii) अपना
35. 'एक फूलों की माला ले आइए' इस वाक्य का शुद्ध रूप है -  
 (i) फूलों की एक माला ले आइए (ii) लाइए एक फूलों की माला (iii) फूलों की माला लाइए

JULY						
M	T	W	T	F	S	S
31						01 02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

# Navyug Vidyalaya

## Bhagalpur

### Sub-History

#### Class-7

Ex -1

1)Who wrote prithviraj raso?What does it tell us about?

2)Which century marked the beginning of the medieval period?

3)This century marked the end of the medieval period in India

a)eight b)eighteenth c)seventh d)tenth

4)This is a history of the kings of Kashmir

a)Ratnavali b)Rajatarasangini c)Baburnama

d)Fatuhat-Firoz Shahi

Ex-2

5)What do you know about chola sculpture?

6)How do you know that the Rashtrakutas were patrons of Art,Architecture and literature?

7)The tripartite struggle to capture\_\_\_\_\_lasted for over two centuries.

a)Devagiri b)Dhilika c)Kanauj d)Ajmer

8)\_\_\_\_\_was the capital of the Chandells.

a)Malked b)Tanjore c)Kanchi d)Khajurajo

Ex-3

9)Who was raziya sultan?Why did the nobles oppose Raziya?

10)Why did Ala-ud-din Khalji introduce the market control policy? How did he in force it ?

Ex-4

11)Who were harihara and Bukka?

12)How did Krishnadera Raya make high Kingdom powerful and prosperous?

13)Who was called the “Akbar of Kashmir”?

Why was he called so?

Ex-5

14)How did Babur secure his position in India?

15)How did Sher Shah encourage trade?

16)Write two steps taken by Akbar to gain the loyalty of Rajputs.

17)Which Mughal Emperor was called “Zinda pir”.

18)Name the city built by Shah Jahan.

Ex-6

19)What kind of monuments were built during the medieval period?Give examples to support your answer.

20)Describe the main features of a Chola temple.

21)Who built the Bara Imbara?Why was it built?

22)List the different parts of a south indian temple.Explain any two of them.

23)The Chandellas built many temple at

a)Khajuraho b)Sarnath c)Vidarbha d)Puri

24) Name the sultan who ruled Delhi between 1236 and 1240.

Question bank  
CLASS - VII  
MATHEMATICS

Page No.:  
Date: / /

(1) Evaluate:  $-(2+5) + (4-3) =$

(a) 16

(b) -6

(c) -2

(d) 1

(2)  $\frac{1}{9}$  of  $\frac{1}{6}$  of  $\frac{1}{3}$  of 56052 =

(a) 356

(b) 336

(c) 375

(d) 346

(3) If  $\frac{x}{0.2} = 0.34$ , then  $x =$

(a) 1.7

(b) 0.68

(c) 0.068

(d) 0.17

(4) What is the product of  $-6\frac{1}{3}$  and  $2\frac{3}{4}$ ?

(a) -12

(b) 24

(c)  $-12\frac{1}{4}$

(d)  $-17\frac{5}{12}$

(5)  $0.00003 \times 10^6$  is

- (a) greater than 1 (b) less than 1  
(c) between ~~0 and 1~~ (d) none.  
0 and 1.

(6) Simplify:  $-(49 - a^2) - 5a^2$ .

(7) Solve:

$$5(6x + 1) = 3(-8 + x) + 2$$

(8) find:

$$[-155 + (-100)] \div [-300 + 45]$$

(9) Simplify:

$$108 \div 360 \left\{ \frac{1}{3} + \frac{2}{5} \right\} \times \frac{15}{4}$$

(10) By which decimal number should  $0.0001$  be divided to get  $0.01$ .

(11)

What number should be subtracted from  $\frac{-8}{15}$  to get  $\frac{-5}{6}$ .

(12)

find:  $\left(\frac{3}{4}\right)^2 \times \left(-\frac{1}{2}\right)^3 \times 2^3$ .

(13)

Add:

$x^2 - y^2 - 1$ ,  $y^2 - 1 - x^2$  and  $1 - x^2 - y^2$ .

(14)

if,  $z + \frac{1}{4} = \frac{5}{4}$ , find  $3z$ .

(15)

A boy was asked to write  $2^5 \times 9^2$  but he wrote  $2592$ .  
The numerical difference between the two.

Mehesh.

**NAVYUG VIDYALAYA BHAGALPUR**

**CLASS -7**

**QUESTION BANK**

**SUB- PHYSICS**

**SESSION -2021-22**

- Q1. What do you mean by temperature?**
- Q2. Convert 37 degree Celsius into kelvin and Fahrenheit**
- Q 3. Discuss the phenomena of land breeze.**
- Q4. What is the role of kink in a thermometer?**
- Q5. Why do we wear woollen clothes during winter?**
- Q6. A boy runs two rounds around a square park of side 10m. Calculate his distance covered.**
- Q7. Fill in the blanks:**
- A To and fro motion of a body is called.....**
- B basic unit of time is.....**
- C ..... records the speed of a vehicle**
- Q8. Convert 36 km/h into m/s and 20m/s into km/h**
- Q9. Define electric circuit and draw a diagram of a simple electric circuit.**
- Q10. What is the function of switch in a circuit?**
- Q11. Discuss all the main effects of electric current.**

.....X.....



**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-VII**  
**(Question Bank) SUBJECT-संस्कृत Session (2021-22)**  
Chapter-I (Grammar)

1. उच्चारण स्थान किसे कहते हैं?
2. नासिक्य से उच्चरित एक वर्ण लिखें—
3. व का उच्चारण स्थान क्या है?
4. अन्तस्थ स्वर कितने और कौन-कौन हैं?
5. कुल व्यञ्जन वर्ण एवं वर्गीय व्यंजन वर्णों की संख्या बतावें।
6. इन वर्णों के उच्चारण स्थान लिखें च,श,य,ए,आ।

Chapter-II

7. वर्ण विन्यास करें — भवन्तम्, अवकाशः पुस्तकम्, कल्याणम्
8. वर्ण संयोजन करें:— (क) क्+ऋ+ष्+ण्+अः (ख) व्+ई+ण्+आ (ग) व्+आ+ल्+म्+ई+क्+इ

Chapter-III

9. संधि विच्छेद करें:— विद्यार्थी, जलोर्मि, वधून्सवः संस्कृतम्, परीक्षा यद्यपि, महर्षिः सदैव, एकैकम्, मनोहरः सूक्तिः

Chapter-IV

10. इन शब्दों के रूप याद करें और दो बार लिखें:—  
अस्मद्, युष्मद्, तत्+किम्+इदम्—तीनों लिंगों में बालक, लता, मुनि—

Chapter-V

11. इन धातुओं के रूप लोट्, लङ्, लृट् लकार में लिखकर याद करें।  
अस्, दृश् नम्, स्था, पठ्

Chapter-VI

12. समय संस्कृत में लिखें:—  
(क) 3:00 बजे, (ख) 3:15 बजे (ग) 3:45 बजे (घ) 4:30 बजे
13. इन शब्दों से संस्कृत में वाक्य बनावें।  
विना, सह, प्रति, अलं, निकषा, परितः
14. इनके योग में विभक्ति बतावें — अलं, विना, सह, स्वाहा, नमः।

संस्कृत मञ्जूषा

I. एकपदेन उत्तरत—

- (क) कः आम्रम् खादितुम् इच्छति ? (ख) आम्रवृक्षस्य जीवनं किमर्थं अस्ति? (ग) आम्रं विशेषेण केषाप्रियम्?

Note :- पुनरावृत्तिः पाठ (1-4) के सभी प्रश्नों के उत्तर तैयार करना अपेक्षित है।

पाठ—5

1. श्लोक संख्या—1 से लेकर 3 तक के सभी श्लोकों अर्थ लिखें:—
2. एकपदेन उत्तरत—

(1) सफलस्य नरस्य वाणी कीदृशी? (2) निःस्वनः मेघः कदा वर्षति? (3) लोके किं शीतलम् ? (4) शरदि मेघः किं करोति?

पाठ—6

एकपदेन उत्तरत—

- (1) काकस्य गृहं केन गलितम् ? (2) चटका स्वगृहं केन रचयति स्म? (3) सिक्थं कथं द्रवीभूतम् (4) चटका कुत्र आगच्छतिस्म?

पाठ—7

Page - 48, Q.No. (3)+ Q.No. (4) हल करें।

पाठ—8

(1) एकपदेन उत्तरत—

- (1) एकस्मिन् दिवसे कति होराः? (2) वर्षे कतिमासाः? (3) एकस्मिन् पक्षे कति दिवसाः भवन्ति? (4) गुरुनानक देवस्य जन्म दिवसः किम् कथ्यते? (5) दीपावली कस्मिन् मासे भवति?

## CLASS VIII

### QUESTION BANK (BIOLOGY)

Q1. NAME FIVE BIOSPHERE RESERVE , FIVE NATIONAL PARK , FIVE WILDLIFE SANCTUARY AND THE STATES WHERE THEY ARE FOUND.

Q2. EXPLAIN ENDEMIC SPECIES WITH EXAMPLE.

Q3. WHAT IS BIOSPHERE?

Q4. WHAT ARE SPECIES?

Q5. WHAT ADVANTAGE DOES AMOEBA DERIVE BY CHANGING SHAPE?

Q6. WHAT IS TISSUE?

Q7. WHAT IS CELL?

Q8. WRITE SHORT NOTES ON NUCLEUS?

Q9. DIFFERENTIATE:-

a) prokaryotes and eukaryotes

b) wildlife sanctuary and national park

Q10. DRAW VENN DIAGRAM TO SHOW RELATION BETWEEN BIOSPHERE RESERVE, WILDLIFE SANCTUARY AND NATIONAL PARK.

# Navyug Vidyalaya

## Chemistry Question Bank

### Class- VIII

#### Very Short Answer Type Question:

1. Write any two examples of polyester fabric.
2. Polycot is a mixture of \_\_\_\_\_ and \_\_\_\_\_.
3. Synthetic fibres are obtained by chemical processing of \_\_\_\_\_.
4. Choose the odd one out. nylon, rayon, silk, acrylic
5. \_\_\_\_\_ is a large single unit made up of many repeated small units.

#### Short Answer Type Questions:

6. Classify the following into malleable and non-malleable substances. aluminium, oxygen, gold, sulphur, potassium
7. When a zinc sulphate and copper turning are dissolved in water, reaction does not take place. Why?
8. Complete the following reactions.  
a.  $2\text{Cu} + \text{H}_2\text{O} + \text{CO}_2 + \text{O}_2 \rightarrow$                       b.  $\text{SO}_3 + \text{H}_2\text{O} \rightarrow$
9. Define the following. a. Malleability b. Ductility
10. With an activity show that metals are sonorous.

#### Long Answer Type Questions:

11. Write any five difference between - metals and non-metals.
12. Write the physical properties of metals.
13. Give reasons for the following.
  - a. Aluminium foils are used to wrap food items.
  - b. Immersion rods for heating liquids are made up of metallic substances.
  - c. Copper cannot displace zinc from its salt solution.
  - d. Sodium and potassium are stored in kerosene.
14. Match the substances given in Column A with their uses given in Column B.

A	B
i. Gold	a) Thermometers
ii. Iron	b) Electric wire
iii. Aluminium	c) Wrapping food
iv. Carbon	d) Jewellery
v. Copper	e) Machinery
vi. Mercury	f) Fuel

15. What happens when (a) Dilute sulphuric acid is poured on a copper plate? (b) Iron nails are placed in copper sulphate solution? Write word equations of the reactions involved.

# CLASS-8

## CIVICS

### CHAPTER-1

#### **The Constitution and the Need for Laws**

Q1. Define constitution.

Q2. Who drafted the constitution?

Q3. When did Indian Constitution come into effect?

Q4. Write the importance of Indian Constitution.

Q5. Write the importance of law.

Q6. What is dowry?

Q7. Describe dowry prohibition Act 1961.

Q8. What do you mean by female foeticide?

Q9. When PNDT Act was brought into effect?

Q10. Describe PNDT act.

Q11. What was Salt law?

Q12. When Gandhiji started Salt Satyagraha?

Q13. "The Dandi March marked the beginning of the civil disobedience movement" discuss.

Q14. What do you mean by Anti-Liquor movement?

Q15. Where anti liquor movement was started?

Q16. What is needed to change the mind-set of the people?

Q17. What do you mean by rule of law?

Do objective questions from your book.

## CHAPTER-2

### Ideals of our Constitution

Q1. When was Indian constitution adopted?

Q2. When did Indian constitution come into effect?

Q3. In which session and where it was decided that 26 January would be celebrated as the Purna Swaraj.

Q4. Write any four important features of Indian constitution and from where it is taken?

Q5. What do you know about constitutional amendment?

Q6. What is preamble?

Q7. Define the following:-

- a) Sovereignty   b) Socialism
- c) Secularism   d) Democracy
- e) Republic

Q8. What do you mean by universal adult franchise?

Q9. What is federalism?

Q10. Write the name of three lists in which power is divided.

Q11. List the fundamental rights guaranteed by our constitution.

Q12. "Right to freedom is the mixture of different types of rights" Explain.

Q13. Which part of our constitution contains Directive Principles of State Policy?

Q14. Write any five fundamental duties of Indian citizen.

Do objective questions from your book.

## **CHAPTER-3**

### **THE PARLIAMENTARY SYSTEM**

- Q1. Why India opted for a parliamentary system of government?
- Q2. What is parliament?
- Q3. What do you know about simple plurality and majority voting system?
- Q4. Describe the composition of Rajya Sabha.
- Q5. Distinguish between Lok Sabha and Rajya Sabha.
- Q6. Write the important functions of Indian Parliament.
- Q7. What is a Bill? How many types of bills are there?
- Q8. Who is the head of the state?
- Q9. How president is elected?
- Q10. Write the important power of Indian President.
- Q11. Write the important emergency and executive powers of Indian President.
- Q12. Describe Council of Ministers.
- Q13. Who is the constitutional head and the real head of the country?
- Q14. What do you mean by collective responsibility?
- Q15. What do you mean by impeachment?

Do objective questions from your book.

## **CHAPTER-4**

### **THE JUDICIARY**

Q1. Write the importance of Judiciary.

Q2. Discuss the need for an independent Judiciary.

Q3. Who appoints the chief justice and the judges of Supreme Court?

Q4. Write the qualifications of the judges of the Supreme Court.

Q5. Write the term of the judges of the Supreme Court and how are they impeached?

Q6. Describe the jurisdiction of Supreme Court.

Q7. How chief justice and the other judges of High Court are appointed?

Q8. Describe the jurisdiction of the High Court.

Q9. What are subordinate courts?

Q10. Describe different types of subordinate courts.

Q11. Describe Lok Adalat.

Do objective questions from your book.

## COMPUTER CLASS-8

- 1) What is the difference between hardware and software?
- 2) What is Resource allocation in an Operating system?
- 3) What are the advantages of Graphical user Interface?
- 4) How is the Operating system useful as interpreter?
- 5) What is multithreading operating system?
- 6) What is Number System ? What are its types?
- 7) Showing your work , convert these binary number to decimal:
  - a)  $(1111)_2$
  - b)  $(100000)_2$
- 8) Showing your work , convert these decimal number to binary:
  - a)  $(160)_{10}$
  - b)  $(128)_{10}$
- 9) Define the following terms :
  - a) Relative Referencing
  - b) Absolute Referencing
  - c) Mixed Referencing
  - d) Algorithm
  - e) Flowchart
- 10) What are the steps for developing an algorithm?
- 11) Mention some uses of algorithm.
- 12) Draw a flowchart to check whether number is positive or negative.

# Navyug Vidyalaya

## Bhagalpur

### Class-8<sup>th</sup>

## Subject-English

1)What are the two incidents described in the poem “lion and the ant”?

2)How did the lions attack make the hunter famous?

3)Why did the hunter did not stop hunting after he was attacked by the lion?

4)What is meant by christmas carol?

5)Who is regarded as one of the greatest novelists of the nineteenth century ?

6)You have seen an wounded puppy on the road What will you do?Write an imaginative feeling.

7)Identify at least five instances from the story that creates an atmosphere of positivity and hope?

8)Describe your feeling regarding the christmas celebrations at Bob cratchits house.

9)Who presented a rose?

10)What is Melindo Cratchit?

11)Write antonyms of the following words

Valiant,whimper,serene, bold,whine

12)While reading the poem"lion and ants what images come to your mind define?

## Class VIII

### Geography(Question Bank)

1. Write five examples of Natural Resources and man made resources.
2. Distinguish between Natural and Human Made Resources.
3. Define Conservation of Resources and Sustainable Development.
4. What is Soil? Write some features of Alluvial Soil
5. On which factors does the land use depends on?
6. Distinguish between Tropical and Temperate Grassland.
7. Distinguish between Conventional Power Resources and Non-Conventional Power Resources.
8. Why is petroleum called as “Black Gold”?
9. Write a short note on Energy needs of the future.
10. What is the relationship between Agriculture and Industry?
11. Discuss in detail the various factors which influence Agriculture
12. Distinguish between Intensive Farming and Extensive Farming.

**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-VIII**  
**(Question Bank) SUBJECT-हिन्दी Session (2021-22)**  
**व्याकरण-सुरभिका**

1. भाषा और बोली में क्या अंतर है।
2. वैज्ञानिक लिपि किस लिपि को कहा जाता है?
3. मानक भाषा या भाषा का मानक रूप से आप क्या समझते हैं।
4. भारत में भाषा परिवार कितने हैं और कौन हैं?
5. हिन्दी दिवस कब मनाया जाता है?

**Chapter-2**

6. वर्ण विच्छेद करें—त्रिकोण, आश्रम, प्रतिज्ञा, शिक्षित, विद्वान

**Chapter-3**

1. इन तत्सम शब्दों के तदभव रूप लिखें:—  
सूत्र, तीक्ष्ण, शत, तारक, दुग्ध, गर्दभ, घोटक,
2. लम्बोदर, देशभक्त, पुस्तक, राष्ट्रपिता, आज, चक्रपाणि—इत्यादि शब्दों में रुढ़, यौगिक, योगरुढ़ शब्द अलग-अलग करें।

**Chapter-4**

1. नि, अनु, उत् अभि, प्र, प्रति—उपसर्ग से दो-दो शब्द लिखें।
2. अन, उन, भर, गैर, कम उपसर्ग से दो-दो शब्द बनावें।
3. आई, त्व आपा, ता ईला, ईय, आहट, आवट प्रत्यय से दो-दो शब्द लिखें।
4. संधि विच्छेद करें — कमलेश रजनीश, महात्मा, अभीष्ट महीन्द्र, क्षितीश, कवीश, महेश महौषधि सदैव, जलौघ, वाङ्मय, वागीश।

**Chapter-5**

1. इनके पर्यायवाची शब्द लिखें— रात, पक्षी, औरत, आँख, चाँद
2. इनके विपरीतार्थक शब्द लिखें — तुच्छ, कृष्ण, ध्वंस, कपूत, उत्तम, ग्राह्य, आगामी, गुरु, योगी, विधि।
3. Page No.-58 में — 1 to 15 तक के अनेक शब्दों के बदले एक शब्द लिखें।

**पत्र-लेखन**

1. शहर में बढ़ते अपराधों की शिकायत करते हुए गुह राज्य मंत्री को पत्र लिखें।
2. खेल-सामग्री उपलब्ध कराने के लिए प्रधानाचार्य को एक पत्र लिखें।

**बल्लरी पाठ 5 एवं 6**

1. लहरें एक सूत्र में बँधी हुई, सी क्यों प्रतीत होती हैं?
2. सैकड़ों इन्द्रधनुषों को तोड़ने से कवि का क्या आशय है।

**पाठ-6**

3. बच्चों की चिंता का विषय क्या था।
4. लोगों ने क्या सोचकर रोबोट पर हमला नहीं किया?
5. बिस्मिल्ला खाँ की जययात्रा कब और कहाँ से शुरू हुई?
6. शहनाई कष्टसाध्य वाद्य क्यों माना जाता है?

# CLASS 8

## History

### Chapter 1 – The Modern Period

1. What is history?
2. Why do we study History?
3. What do you know about personality based history?
4. Dates in history are linked with what? Give examples.
5. When did modern period begin?
6. In how many periods historians are divided history? Name them.
7. Was the modern period really modern?
8. What four questions we try to understand it history?
9. What do you mean by sources in history?
10. What do you mean by literary sources? Give example.
11. What do you mean by official records?
12. Where the official records of this period are preserved?
13. What do you mean by indigenous records of British rule? Give example.
14. Write the name of two important newspapers of modern period.
15. Write short notes on surveys.
16. Describe modern period in India.

Do objective questions from the book

## Chapter 2- The Expansion of British Power

1. Name of country of East with whom European country started trade.
2. What were factories? Why were they called so?
3. Write the cause of trade rivalry between European trading countries.
4. Describe the cause of conflict between Nawab of Bengal and the East India Company.
5. Discuss the Battle of Plassey (1757).
6. When and who Fought the Battle of Buxar (1764)?
7. Discuss the growth of British influence in Mysore.
8. Describe the system of Subsidiary Alliance.
9. How it made India dependable on British?
10. What is doctrine of lapse? How it became helpful to Lord Dalhousie to expand British territories in India?
11. How the day-to-day administration was carried out by the British?
12. Why did British need a large Army? Explain.
13. Describe the judicial setup of British in India?

Do objective questions from your book.

## Chapter 3 – Life in the Rural Areas

1. What was the position of Indian village before British?
2. Why did the English East India Company need money? Why did the system of giving the revenue collection rights to the highest bidder fail?
3. Write the name of three new revenue collection systems introduced by British company.
4. What do you mean by permanent settlement?
5. Write the main features of permanent settlement.
6. Write differences between Mahalwari system and Ryotwari system.
7. Write the impact of land revenue settlements on the peasants.
8. Why did the peasants borrow money from the moneylender?
9. Why did Britain need Indigo?
10. Why did Britain encourage Indigo cultivation in India?
11. Why Indigo cultivators did not want to cultivate it?
12. Why did the Indigo cultivators Revolt in Bengal?

Do objective questions from the book

## Chapter 4 – Tribal Communities

1. Name some tribal groups of India.
2. Write any three features of tribal society.
3. What do you mean by shifting cultivation?
4. The tribals were people of the forest. Explain.
5. How did the British dispose the tribal land? What was its impact on the tribals?
6. Why company forced tribal to become settled agriculturists?
7. Describe the changed forest laws of company.
8. 'The tribal were often caught in the cycle of debt'. Explain.
9. Discuss about tribal chiefs under the British.
10. Write the main cause of tribal revolts.
11. Why Birsa Munda wanted to revive the tribal society?

Do objective questions from the book.

## Chapter 5 – Crafts and Industries

1. Why trading companies from Europe came to India to buy textiles?
2. Discuss the factors that led to the decline of Indian textiles.
3. Why cloth made in England was less expensive than cloth Made in India?
4. Do you mean by one way free trade?
5. What was the impact of the decline of the textile industry in India?
6. When did Industrial Development begin in India? Write about the development of cotton textile mills in British India.
7. Why was industrial development slow and erratic?
8. What exert pressure on land in British period?
9. Write the name of some Industries developed in India in the British period.

Do objective from the book.

## Chapter 6 – The Great Uprising

1. Write economic causes of the revolt of 1857.
2. What were the social causes of the revolt of 1857?
3. Describe the military causes of the revolt of 1857.
4. Describe greased cartridges incident.
5. Who was Mangal Pandey?
6. What happened on 10 may 1857?
7. What were the main reasons for the failure of the revolt?
8. Write important features of the act 1858.
9. Write the political causes of the revolt of 1857.

Do objective questions from the book.

## **Chapter 7 – Education and British Rule**

1. Describe education in Pre-British time.
2. Which two subjects were not taught in Pre-British Times?
3. Who was Sir William Jones? Why did you study ancient Indian texts.
4. Describe flaws in education under the British.
5. What was the downward filtration theory?
6. What did English education act state?
7. Write the name of some Indian reformers.
8. Why did Mahatma Gandhi oppose Western education?

Do objective questions from the book.

**NAVYUG VIDYALAYA, BHAGALPUR**

**CLASS-VIII**

**(Question Bank) SUBJECT-MATHS Session (2021-22)**

- What should be added to  $\frac{-5}{7}$  to get  $\frac{-2}{3}$  ?  
(a)  $\frac{-29}{21}$                       (b)  $\frac{29}{21}$                       (c)  $\frac{1}{21}$                       (d)  $\frac{-1}{21}$
- The value of  $\left(\frac{2}{5}\right)^{-3}$  is  
(a)  $\frac{-8}{125}$                       (b)  $\frac{25}{4}$                       (c)  $\frac{125}{8}$                       (d)  $\frac{-2}{5}$
- What percent of 10 kg is 250 gm.  
(a) 25%                      (b) 5%                      (c) 10%                      (d) 2.5%
- The selling price of an article is  $\frac{6}{5}$  of the cost price. The gain percent is  
(a) 20%                      (b) 25%                      (c) 30%                      (d) 120%
- Three angles of a quadrilateral are  $54^\circ, 80^\circ$  and  $116^\circ$ . Value of fourth angle is  
(a)  $100^\circ$                       (b)  $110^\circ$                       (c)  $125^\circ$                       (d)  $90^\circ$
- Evaluate:  
$$\frac{3}{5} + \frac{7}{3} + \frac{-11}{5} + \frac{-2}{3}$$
- Evaluate:  
$$\left(\frac{3}{8}\right)^{-2} \times \left(\frac{4}{5}\right)^{-3}$$
- Factorise:  
$$24x^3 - 36x^2y$$
- Mahesh spends 65% of his salary and the rest he saves if he saves ₹ 2940 per month, what is his monthly salary?
- Mahesh bought an air, cooler for ₹ 5400 including VAT at 8%. Find the original price of the air cooler.
- The four angles of a quadrilateral are in the ratio 2:3:5:8. Find the angles.
- The sum of two rational numbers is -2, if one of the numbers is  $\frac{-14}{5}$ . find the others.
- Evaluate:

$$[(5^{-1} \times 3^{-1})^{-1} \div 6^{-1}]$$

14. Factories:

$$x^3(2a-b)+x^2(2a-b)$$

15. A radio is sold for ₹ 3120 at a loss of 4%. What will be the gain or loss percent if it is sold for ₹ 3445.

**NAVYUG VIDYALAYA BHAGALPUR**

**CLASS-8**

**SESSION -2021-22**

**SUB-\* PHYSICS**

**QUESTION BANK**

**Q1. Define pressure and write its unit**

**Q2. Write the main functions of force**

**Q3. Fill in the blanks:**

**A force is either a.....or.....**

**B forces between charged bodies are called.....**

**C An apple falls towards earth from a tree due to.....**

**Q4. Write two examples of contact force and non-contact force**

**Q5. Frictional force is a necessary evil. Discuss**

**Q6. Suggest any two methods to increase and decrease friction.**

**Q7. What do you understand by lubricants?**

**Q8. Define a wave and write its types**

**Q9. Can sound wave travel through vacuum?**

**Q10. What is the difference between music and noise?**

**Q11. Explain an activity to show that sound requires a medium to travel**

**Q12. On what factors does loudness and pitch of a sound depend upon?**

.....X.....

**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-VIII**

**(Question Bank) SUBJECT-संस्कृत Session (2021-22)**

1. करण कारक एवं अपादान कारक में कौन-कौन सी विभक्ति लगती है?
2. रिक्त स्थान की पूर्ति कोष्ठक में दिए गए शब्दों से उचित विभक्ति प्रयोग द्वारा करें:-  
(1).....नमः(गणेश)। (2).....बहिः अतिथिः आगच्छति। (गृह) (3).....स्वाहा। (अग्नि) (4) इदम् दुग्धं.....अलम्। (बाल)
3. निर्देशानुसार शब्दों के रूप लिखें:-  
(1) मुनि-षष्ठी बहुवचन (2) अस्मद् - चतुर्थी एकवचन  
(3) युष्मद् - सप्तमी एकवचन (4) लता-चतुर्थी बहुवचन  
(5) तत् (स्त्री०) षष्ठी एकवचन (6) किम् (पु०) सप्तमी एकवचन
4. धातु के रूप निर्देशानुसार लिखें-  
(1) नम् - लङ् लकार प्र० पु० बहुवचन (2) गम् - लोट् लकार म० पु० बहुवचन (3) दृश् - लङ् लकार - उत्तम पु० एकवचन (4) अस् - लङ् लकार प्र० पु० बहु०
5. सन्धि विच्छेद करें-  
भाग्योदयः राजषिः महेश्वरः अनुच्छेदः महोत्सवः सोऽपि, परीक्षा, संस्कृतम्, हिमालयः, विद्यार्थिनः
6. क्त्वा, तुमुन एवं ल्यप् प्रत्यय के तीन-तीन उदाहरण लिखें।
7. गन्तुम् दृष्ट्वा प्रदाय, आगम्य, पठित्वा पद में धातु-प्रत्यय अलग करें।
8. पत्र लेखन - त्वम् छात्रावासे वससि। हैदराबादनगरे चारमीनारं दर्शनाय आयोजितं शैक्षिक भ्रमणहेतु धनप्रेषणाय स्वपितरं प्रति पत्रं पूर्यत- (Page -128-129)
9. संवादलेखन - (Page -134-135) Q.No. 1,2,3
10. अपठित अवबोधन - (Page -148-149) Q.No. 1,2,5 हलकरें

संस्कृत मञ्जूषा पाठ-5

- (1) अस्माकं संस्कृतिः कीदृशीः (2) आर्यभट्टः गणनायां कस्य कल्पनां अकरोत् (3) अस्माकं देशः कीदृशः (4) का भाषा संगणकार्थम् उपयुक्ततमा मन्यते? (5)

पाठ-6

I. एकपदेन उत्तरत-

- (क) मार्गस्य प्रियसङ्गिनः के ? (ख) मार्गस्य उपरि कानि प्रहारं कुर्वन्ति? (ग) गर्ताः केन परिपूर्णाः भवन्ति? (घ) मार्गस्य शरीरे व्रणाः केन जायन्ते? (ङ.) प्रकृतिः मार्गस्य कीदृशं मुखं प्रक्षालयति।

II. पूर्णवाक्येन उत्तरत-

1. प्रकृतिमाता किं करोति? 2. किम् दृक्त्वा मार्गः दुःखितः? 3. वर्षर्तो मार्गस्य कष्टम् किम्

पाठ-7

I. श्लोक के अर्थ लिखें-

- (1) अभिवादन शीलस्य नित्यं वृद्धोपसेविनः।  
चत्वारि तस्य वर्धन्ते आयुर्विद्यायशेबलम्।  
(2) परोक्षे कार्यहन्तारं प्रत्यक्षे प्रियवादिनम्।  
वर्जयेत् तादृशं मित्रं विषकुम्भं पयोमुखम्।।

II. एकपदेन उत्तरत-

- (1) विद्या कुत्र धनम् (2) कथम् समाचरेत्  
(3) दुर्जनस्य जिह्वाग्रे किं तिष्ठति?  
(4) कः सर्वान् गुणान् अतीत्य मूर्ध्नि वर्तते?  
(5) कस्य चत्वारि वर्धन्ते?

मुख्यबातें - समानार्थक, विलोम शब्द एवं विशेषण- विशेष्य मिलान वाले प्रश्न प्रत्येक पाठ में हैं उन्हें

अवश्य तैयार करें।

## CLASS IX

### QUESTION BANK (BIOLOGY)

- Q1. NAME THE TISSUE RESPONSIBLE FOR THE MOVEMENT IN OUR BODY?
- Q2. WHAT DOES A NEURON LOOK LIKE?
- Q3. GIVE THREE FEATURES OF CARDIAC MUSCLES?
- Q4. WHAT ARE THE FUNCTIONS OF AREOLAR TISSUE?
- Q5. WHY DO WE CLASSIFY ORGANISMS?
- Q6. GIVE THREE EXAMPLES OF RANGE OF VARIATION THAT YOU SEE IN LIFE FORMS AROUND YOU?
- Q7. ON WHAT BASIS ARE PLANTS AND ANIMALS ARE PUT INTO DIFFERENT CATEGORIES?
- Q8. WRITE DOWN THE HIERARCHY OF CLASSIFICATION GROUP.
- Q9. GIVE TWO EXAMPLES OF EACH GROUPS:-

a) Fungi

b) Protista

c) Gymnosperm

d) Angiosperm

e) Annelida

f) Mollusca

g) Protochordata

h) Amphibia

i) Mammalia

j) Pisces

## Class IX

### Science (Chemistry)

1. Convert the following temperatures to the Celsius scale.
  - a. 293 K
  - b. 470 K
  
2. Give reason for the following observations.
  - a. Naphthalene balls disappear with time without leaving any solid.
  - b. We can get the smell of perfume sitting several metres away.
  
3. What is the physical state of water at—
  - a. 25°C
  - b. 0°C
  - c. 100°C?
  
4. Give two reasons to justify—
  - a. water at room temperature is a liquid.
  - b. an iron almirah is a solid at room temperature.
  
5. Why is ice at 273 K more effective in cooling than water at the same temperature?
  
6. What produces more severe burns, boiling water or steam?
  
7. Explain the following giving examples.
  - a. saturated solution
  - b. pure substance
  - c. colloid
  - d. suspension
  
8. How would you confirm that a colourless liquid given to you is pure water?
  
9. Which of the following will show “Tyndall effect”?
  - a. Salt solution
  - b. Milk
  - c. Copper sulphate solution
  - d. Starch solution.
  
10. Which of the following are chemical changes?
  - a. Growth of a plant
  - b. Rusting of iron
  - c. Mixing of iron filings and sand
  - d. Cooking of food
  - e. Digestion of food
  - f. Freezing of water
  - g. Burning of a candle.

# **CLASS-9**

## **CIVICS**

### **CHAPTER-1**

#### **WHAT IS DEMOCRACY? WHY DEMOCRACY?**

Q1. Define government.

Q2. What do you mean by democracy?

Q3. From where does democracy come from?

Q4. What do you mean by dictatorship?

Q5. Differentiate between democratic and non democratic government.

Q6. Write the important features of democracy.

Q7. Who takes major decisions in a democratic system and non democratic system?

Q8. Explain the major features of a democratic government.

Q9. What do you mean by free and fair electoral competition?

Q10. Who appoints the president of China?

Q11. Distinguish between democratic and non democratic elections.

Q12. What is PRI?

Q13. What do you mean by one person one vote and one value?

Q14. What do you mean by rule of law and respect of rights?

Q15. Write the simple definition of democracy and keywords used in it.

Q16. Describe the merits of democracy.

Q17. Write the demerits of democracy.

Q18. Write the broader meaning of democracy.

Q19. In Greek "Demos" means \_\_\_\_\_ and "Kratia" means\_\_\_\_\_.

Q20. Write the name of the party who always forms the government in Mexico.

Q21. Write the meaning of democracy.

Q22. What is the name of the Chinese parliament?

Q23. How rulers are elected and changed in India?

Q24. Which form of Government allows people to choose their rulers?

Q25. With whom does the final decision making power rest in a democracy?

Q26. Write the full form of PRI.

Q27. What is the main feature of democracy?

Q28. Under which form of government political equality is given importance?

## CHAPTER-2

### CONSTITUTIONAL DESIGN

Q1. Define the following:-

a)Apartheid

b)Clause

c)Constituent Assembly

d)Constitution

e)Constitutional amendment

f)Draft

g)Philosophy

h)Preamble

i)Treason

j)Tryst

Q2. How can you say that Apartheid system was very impressive for the blacks in South Africa?

Q3. Write the full form of ANC.

Q4. Why do we need a constitution?

Q5. India's Constitution was drawn up under very difficult circumstances. Explain.

Q6. Write the name of the country from where our leaders were inspired while making the constitution.

Q7. How many members were in the constituent assembly?

Q8. Why we celebrate Republic Day on 26 January?

Q9. Why do we accept the constitution made more than 70 years ago?

Q10. Write the important philosophy of the Indian Constitution.

Q11. Write the importance of preamble.

Q12. Write the importance of constitutional amendment.

Q13. Define the following:-

i)Sovereignty

ii)Socialist

iii)Secular

iv)Democratic

v) Republic

vi)Justice

vii)Liberty

viii)Equality

Q14. Who was the chairman of the drafting committee of Indian Constitution?

Q15. Who was the president of the constituent assembly?

Q16. How much time did the constituent assembly take to make Indian Constitution?

Q17. Who is called the father of Indian Constitution?

Q18. Which part of the Indian Constitution is called the soul of the Indian constitution?

Q19. Why is India called a Republic?

Q20. Is India a secular country?

Q21. For how many years was Nelson Mandela imprisoned?

- 1) What are the elements of communication?
- 2) What is the importance of communication skill?
- 3) What are the advantages and disadvantages of verbal communication?
- 4) What are the components of non verbal communication?
- 5) What are the advantages and disadvantages of visual communication?
- 6) How has ICT impacted our work lives?
- 7) What are commonly used ICT tools?
- 8) What are the major strengths and weaknesses of computer?
- 9) What do you understand by IPO cycle?
- 10) What are the differences between RAM and ROM?
- 11) What is the function of memory in computer? What are its measuring units?
- 12) What is pointing device? Name popular pointing devices.
- 13) What is the role of motherboard in a computer system?
- 14) What is the difference between web portal and website?
- 15) In what ways World Wide Web different from other servers on internet?
- 16) Explain the following terms:
  - a) Server
  - b) Web Server
  - c) Home page
  - d) Blog
  - e) Web Browsers
  - f) Social Media
- 17) Discuss structure of an E mail in brief.
- 18) What advantages do online sources offer over traditional media?
- 19) What is social networking? What are its benefits?
- 20) What are word processors? Give some examples.

**NAVYUG VIDYALAYA, BHAGALPUR**

**CLASS – IX**

**SUBJECT: ECONOMICS**

Assignment (2021-22)

1. Why is literacy rate is low in the females?  
(a) Lack of equal education opportunities      (b) lack of transport facilities  
(c) Lack of infrastructure      (d) Lack of income
2. The tertiary sector is also called  
(a) Primary sector      (b) service sector  
(c) Manufacturing sector      (d) all of the above
3. On which of the following point, does the quality of population not depends?  
(a) Literacy rate      (b) Health of person  
(c) Skill formation      (d) birth of the person
4. Resources are generally classified into  
(a) two types      (b) Three types  
(c) four types      (d) Five types
5. Seasonal employment is found in  
(a) urban areas      (b) rural areas  
(c) in remote areas      (d) Both (a) and (b)
6. How is human resource different from other sources like land and physical capital?
7. Discuss the problems in the field of health in India.
8. What is Sarva Siksha Abhiyaan? Explain it.
9. How do the medium and large farmers obtain capital for farming? How is it different from small farmers?
10. What is the role of market in the expansion of non-farming activities?
11. It is important to increase the area under irrigation? Why?
12. What are differences between economic activities and non-economic activities?
13. What are the differences between disguised unemployment and educated unemployment?
14. What do the farmers do with the surplus farm products
15. What is the working capital required by the farmers using modern farming methods?

# Navyug Vidyalaya

## Bhagalpur

### Class-9<sup>th</sup>

## Subject-English

- 1)What are the two strange things that guru and his disciple find in the kingdom of fools?
- 2)Why does the disciple decide to stay in the kingdom of fools?
- 3)Who is the real culprit according to the king?
- 4)What are the Gurus words of wisdom?
- 5)How does the guru manage to save his disciples life?
- 6)Why do the courties call the prince “The happy prince”? Is he really happy?
- 7)Why does the happy prince send a ruby for this seamstress?
- 8)For whom does the prince send the sapphires and why?

- 9)What does the swallow see when it flies over the city?
- 10)What are the precious things mentioned in the story?
- 11)What does the poet say the wind god 'winnows'?
- 12)What should we do to make friends with the wind?
- 13)What do the last four lines of the poem mean to you?
- 14)Why was Kezia afraid of her father?
- 15)Who were the people in Kezias family?
- 16)In what ways did kezia grand mother encourage her to get to know her father better?
- 17)What does the poet like to do when it rains?
- 18)What is the single major memory that comes to the poet?
- 19)Is the poet know a child?
- 20)What do the following phrases mean to you ?  
Humid shadows,starry spheres

## Class IX

### Geography(Question Bank)

1. What influences the duration of Day and Night as one moves from South to North?
2. What is the Standard Meridian of India?
3. Which countries are bigger than India in size?
4. Why is India called a sub-continent? How is it separated?
5. What are tectonic plates?
6. Explain the types of tectonic plate movement responsible for the formation of relief?
7. Describe the formation of the Himalayas?
8. Distinguish between Northern Plains and Peninsular Plateaus.
9. Distinguish between perennial river and imperennial river.
10. What is a water divide? Give an example.
11. How does a river affect the economy of a country?
12. Analyze the causes that result in river pollution.

1. निम्नलिखित (दो-दो) शब्द बनाकर —  
 उप, अति, सम, प्रति, अन्, अन ।
2. पाठ, इत, अककड़, श्री एवं 'एरा' प्रत्यय से दो-दो शब्द निर्माण करें।
3. समास किसे कहते हैं? समास के मुख्य भेद किताने हैं? प्रत्येक भेद के दो-दो उदाहरण लिखकर उनके विग्रहणीयता लिखें।
4. इन शब्दों के समास विग्रह करें —  
 चक्रपाणि, चन्द्रमुख, पद्मनाभ, गौराहा, राजपुत्री, महाकवि नीलकमल,
5. वाक्य के कुल प्रकार किताने हैं? प्रत्येक वाक्य के गण लिखकर दो-दो उदाहरण लिखें।
6. अव्यय किसे कहते हैं? तीन अव्ययों का एक-एक अर्थ लिखकर वे नाम लिखकर उनके दो-दो उदाहरण दें।
7. अपठित गद्यांश एवं अपठित पद्यांश पर आधारित प्रश्नों के उत्तर (व्याकरण विज्ञान से) लिखें।

अतिरिक्त

1. पाठ - 1 - दो कैलों की कथा - प्रेमनांद

1. दो कैलों की कथा गद्य की कौन-सी विधा है?
2. प्रेमनांद के कथपत्र का नाम क्या था?
3. कैल को किसका दोहा भाई कहा गया है?
4. दोहो गद्य की कौन सी है वह कैलों से क्या खिलती थी?
5. पद्यों को कैल कह कर कहाँ रखा जाता था?
6. कथा के सामने दुबली क्यों बजने लगी?
7. औरत पाठ पर सींग-पमाना मना है। यह किसका कथपत्र है?

पाठ - 2 - लहासा की ओर (राहुल सांकृत्यायन)

1. 'लहासा की ओर' पाठ में (उनदिनों मराठी के कथों की भाषा की अनुमति नहीं थी) की अनुमति नहीं थी?
2. सिद्धत की राजधानी कहाँ है?
3. 'लहासा की ओर' पाठ गद्य की कौन-सी विधा है?
4. यत्रा के दौरान लेखक पहली बार किस रूप यत्रा अभि थे?
5. यत्रा के क्रम में लेखक के हाथ में कौन-था?
6. लेखक का दादा क्यों मरके गया था?

7. इसी तरह किछ वेश में रहे पर भी लेखक को पात्रों के रूप में देखने के लिए जितना स्वागत नहीं मिला।
8. लेखक और सुमति एक मद्रपुरुष हैं वहाँ मिली थी।
9. शेकर बिलार के नौदमंदिर में अर्घ्य की कितनी हस्तलिखित पौथिलों रखी हुई थी।
10. तिलकत जोतने के क्रम में डोंडा एक खतरनाक स्वात हैं जो किखड़े गिराकर सुरक्षित स्वात हैं।

काव्यरंग - पाठ - 7 - सावित्री एवं सबद

1. कबीर की गणित किछ ईश्वर के प्रति है।
2. कबीर की सभी स्तुतियाँ किछ ज्ञान में संकलित हैं।
3. निगुण काव्यपारा के श्रेष्ठ कवि कौन हैं।
4. कबीर की भाषा क्या है।
5. कबीर किछ काम के अवतार कल्प हैं।
6. कबीर का बचपन में पालन-पोषण किसने किया।
7. मनुष्य ईश्वर को कहां देखता है।
8. इस संसार में सच्चा सत कौन है।
9. स्वात कल्प क्यों हैं।
10. जैन कलाने का अर्थिक किछका है।

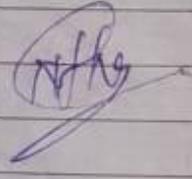
पाठ - 8 - नारद - लालदूधक

1. लालदूधक जी किछ काम की कवयित्री हैं।
2. लालदूधक की कविता किछ में ही में लिखी गई है।
3. लालदूधक किछ भाषा की कवयित्री हैं।
4. रच्छी किछ-जीज का प्रतीक हैं।
5. परमत नारद में कवयित्री मनुष्य को क्या बर्णना किछ प्रेरित किया गया है। (सम्मान)
6. परमात्मा प्राप्ति में कवयित्री किछकी व्युत्पत्ता को स्वीकार करें।
- कवयित्री का प्राणी है क्या उन्मिषात है।
8. कवयित्री का घर जानेंगी - पार से क्या तादपर है।

सूच्य -

1. सूच्य किछ कवि की रचना है।
2. सूच्य में कवि की गणित किछ वेन के प्रति है।
3. कवि रचरनाग की कुछ काँच में लिखे (उन्हें जोड़ा मिली थी)।

4. रघुवान कि म मासु डे कति है।
5. कवि रघुवान कहे निवाह करना चाहता है।
6. कवि कृष्ण का सामीप्य पाणे के लिए क्या करना चाहता है?
7. कवि पक्षी बनकर कहे निवास करना चाहता है।
8. गोपिका कसके दो तिया डाह रखती है।
9. "या मुरली मुरली धरन की अधरन जये अधरा न धरेंगी" - ते आकर वारें।
10. कृष्ण के कारण सब तरह का स्वांग स्वयं के लिए कौन बेचारे है?



## **Class 9 History**

### Chapter 1 (French Revolution)

1. When was the Bastille prison stormed?
2. Which ruler came to power in France in 1774?
3. What was "tithes"?
4. What was "faillite"?
5. Which estate of the French society paid all the taxes?
6. What does "subsistence crisis" mean?
7. What was Estates general?
8. When was slavery finally abolished in France?
9. What were political clubs?
10. When did Napoleon become emperor of France?
11. What was Marseillaise in France?
12. In which book did Rousseau mention the idea of one person one vote?
13. The leader of Jacobin club was\_\_\_\_\_.
14. Napoleon was defeated at\_\_\_\_\_ in \_\_\_\_\_.
15. John Locke wrote the book\_\_\_\_\_.
16. Tax paid directly to state was called\_\_\_\_\_.

#### Exercise 2

##### Socialism in Europe and the Russian Revolution

1. Who were liberals?
2. Who were called "radicals"?
3. What were the ideas of conservatives?
4. Who was Robert Owen?
5. Who was Louis Blanc?
6. Who were Bolsheviks?
7. Who were Mensheviks?
8. What was Duma?
9. Name the leader who led the procession of workers to the Winter Palace?
10. Which countries formed the Central power block during World War 1?
11. Name the countries that formed the allied powers in World War 1?
12. What was "Soviet"?
13. Who were "Kulaks"?

#### Exercise 3

##### Nazism and the rise of Hitler

- 1) Give the name of the book written by Hitler?
- 2) What was "Nazism"?
- 3) Name the peace treaty signed after World War 1?
- 4) What was the Reichstag?
- 5) What was the "Enabling act"?

**NAVYUG VIDYALAYA, BHAGALPUR**  
**CLASS-IX**  
**(Question Bank) SUBJECT-MATHS Session (2021-22)**

1. Find three rational numbers lying between  $\frac{3}{5}$  and  $\frac{7}{8}$ .
2. Express:  $2.\overline{36} + 0.\overline{23}$  as a fraction in the simplest form.
3. Insert a rational and an irrational number between 2 and 2.5.
4. Simplify :  $\sqrt{72} + \sqrt{800} - \sqrt{18}$
5. Represent  $\sqrt{5}$  on the number line.
6. If  $x=2+\sqrt{3}$ , Find the value of  $x^3+\frac{1}{x^3}$
7. Simplify :  $\left(\frac{x^b}{x^c}\right)^{b+c} \times \left(\frac{x^c}{x^a}\right)^{c+a} \times \left(\frac{x^a}{x^b}\right)^{a+b}$
8. If  $x=2$ , and  $y=1$  is a solution of the equation  $2x+3y=k$ , Find the value of  $k$ .
9. Express  $x=6$  of the equation in the form  $ax+by+c=0$  and indicate the value of  $a, b$  and  $c$ .
10. Draw the graph of the equation  $x+2y=3$ .
11. Plot the points  $A(2,5)$ ,  $B(-2,2)$  and  $C(4,2)$  on a graph paper. Join  $AB$ ,  $BC$  and  $AC$ . Calculate area of  $\Delta ABC$ .
12. Find the measure of an angle which is  $36^\circ$  more than its complement.
13. If two lines intersect then the vertically opposite angles are equal.
14. If two parallel lines are intersected by a transversal then prove that the bisectors of any pair of alternate interior angles are parallel.
15. In  $\Delta ABC$ , if  $\angle A + \angle B = 108^\circ$  and  $\angle B + \angle C = 130^\circ$ , Find  $\angle A$ ,  $\angle B$  and  $\angle C$ .
16. Show that each angle of an equilateral triangle is  $60^\circ$ .
17. The sides of a triangle are in the ratio  $5:12:13$  and its perimeter is  $150m$ . Find the area of the triangle.
18. If the area of an equilateral triangle is  $36\sqrt{3} \text{ cm}^2$ , Find its perimeter.
19. The blood groups of 30 students of a class are recorded as under:

A, B, O, O, AB, O, A, O, A, B, O, B, A, O, O, A, AB,  
O, A, A, O, O, AB, B, A, O, B, A, B, O.



32. In  $\Delta ABC$ ,  $\angle A + \angle B = 130^\circ$  the  $\angle C$  is  
(a)  $50^\circ$  (b)  $60^\circ$  (c)  $70^\circ$  (d) None
33. In  $\Delta ABC$ ,  $AB=AC$  and  $\angle B = 50^\circ$ , then  $\angle A$  is equal to  
(a)  $50^\circ$  (b)  $60^\circ$  (c)  $80^\circ$  (d) None
34. Each side of an equilateral triangle is 10cm long. The height of the triangle is  
(a)  $10\sqrt{3}$  cm (b)  $5\sqrt{3}$  cm (c)  $10\sqrt{2}$  cm (d) None
35. In  $\Delta ABC$ , it is given that base=12cm and height=5cm. Its area is  
(a)  $60\text{cm}^2$  (b)  $30\text{cm}^2$  (c)  $45\text{cm}^2$  (d) None
36. If the sides of triangle are 3cm, 4cm and 5cm then perimeter is  
(a) 12cm (b) 15cm (c) 20cm (d) None
37. The range of the data : 12,25,15,18,17,20,22,6,16,11,8,19,10,30,20,32 is  
(a) 10 (b) 15 (c) 26 (d) None
38. The class mark of the class 100-120 is  
(a) 100 (b) 110 (c) 115 (d) None
39. State whether the following statements are true or false. Give reasons.
- (a) Every natural number is a whole number.
  - (b) Every rational number is a whole number.
  - (c) The sum of two rational numbers is rational.
  - (d) The sum of angles of a triangle is  $180^\circ$ .
  - (e) Every real number is rational.





QUESTION BANK

**Q1. Define uniform circular motion giving examples**

**Q2. Define deceleration and acceleration with units**

**Q3. Solve graphically  $S = ut + \frac{1}{2} at^2$**

**Q4. Distinguish between a) speed and velocity**

**b) distance and displacement**

**Q5. Under what situation acceleration of a body be zero?**

**Q6. An object dropped from a cliff falls with a constant acceleration of  $10\text{m/s}^2$ . Find its speed 5 sec after it was dropped.**

**Q7. A bullet hits a sand box with a velocity of  $20\text{m/s}$  and penetrates it up to a distance of 6 cm. Find the deceleration of the bullet in the sand box**

**Q8. What is balanced and unbalanced force?**

**Q9. State Newton's first law and second law. Write its consequences also**

**Q10. State and prove law of conservation of momentum**

**Q11. Write few applications of Newton's 3<sup>rd</sup> law**

**Q12. What force would be needed to produce an acceleration of  $4\text{m/s}^2$  in a ball of mass 6 kg?**

**Q13. An object requires the force of 100 N to achieve the acceleration 'a'. If the mass of the object is 500 kg then what will be the value of 'a'?**

.....X.....

# NAVYUG VIDYALAYA, BHAGALPUR

## QUESTION BANK

CLASS- X

### BIOLOGY

- Q1) Where are a plant's sex organs located?
- Q2) What is the function of a flower?
- Q3) What are the reproductive organs in a flower?
- Q4) Name the male and female gametes in animals.
- Q5) Define sexual reproduction.
- Q6) Write the full forms of the following as they occur in biology:
- a) STD                      b) AIDS
- Q7) Draw a neat sketch of the stamen of a flower. Mark in it filament and anther.
- Q8) Describe the menstrual cycle in human females.
- Q9) What changes are seen in girls at the time of puberty?
- Q10) What is placenta? What is its function?
- Q11) What is the role of seminal vesicles and prostate gland in human male reproductive system?
- Q12) What is meant by unisexual flowers and bisexual flowers? Give two examples of each.
- Q13) What is pollination? How does pollination occur?
- Q14) Name the disease caused by HIV.
- Q15) What is DNA copying? State its importance.
- Q16) With a suitable diagram, describe the process of budding as seen in yeast.

## Class X

### Science (Chemistry)

1. Which of the following pairs will give displacement reactions?
  - a. NaCl solution and copper metal
  - b. MgCl<sub>2</sub> solution and aluminium metal
  - c. FeSO<sub>4</sub> solution and silver metal
  - d. AgNO<sub>3</sub> solution and copper metal
  
2. Which of the following methods is suitable for preventing an iron frying pan from rusting?
  - a. Applying grease
  - b. Applying paint
  - c. Applying a coating of zinc
  - d. All the above
  
3. An element reacts with oxygen to give a compound with a high melting point. This compound is also soluble in water. The element is likely to be
  - a. Calcium
  - b. Carbon
  - c. Silicon
  - d. Iron
  
4. Food cans are coated with tin and not with zinc because
  - a. zinc is costlier than tin
  - b. zinc has a higher melting point than tin
  - c. zinc is more reactive than tin
  - d. zinc is less reactive than tin
  
5. You are given a hammer, a battery, a bulb, wires, and a switch
  - a. How could you use them to distinguish between samples of metals and non-metals?
  - b. Assess the usefulness of these tests in distinguishing between metals and non-metals.
  
6. What are amphoteric oxides? Give two examples of amphoteric oxides.
  
7. Name two metals which will displace hydrogen from dilute acids, and two metals which will not.
  
8. In the electrolytic refining of a metal M, what would you take as the anode, the cathode, and the electrolyte?
  
9. State two ways to prevent the rusting of iron.
  
10. What type of oxides are formed when non-metals combine with oxygen?
  
11. Which of the statements about the reaction below are incorrect?  
$$2\text{PbO}(\text{s}) + \text{C}(\text{s}) \rightarrow 2\text{Pb}(\text{s}) + \text{CO}_2(\text{g})$$
  - a. Lead is getting reduced.

- b. Carbon dioxide is getting oxidised.
- c. Carbon is getting oxidised.
- d. Lead oxide is getting reduced.

- i. (a) and (b)
- ii. (a) and (c)
- iii. (a), (b) and (c)
- iv. All



The above reaction is an example of a

- a. combination reaction.
  - b. double displacement reaction.
  - c. decomposition reaction.
  - d. displacement reaction.
13. What happens when dilute hydrochloric acid is added to iron fillings? Tick the correct answer.
- a. Hydrogen gas and iron chloride are produced.
  - b. Chlorine gas and iron hydroxide are produced.
  - c. No reaction takes place.
  - d. Iron salt and water are produced.
14. What is a balanced chemical equation? Why should chemical equations be balanced?
15. Translate the following statements into chemical equations and then balance them
- a. Hydrogen gas combines with nitrogen to form ammonia.
  - b. Hydrogen sulphide gas burns in air to give water and sulphur dioxide.
  - c. Barium chloride reacts with aluminium sulphate to give aluminium chloride and a precipitate of barium sulphate.
  - d. Potassium metal reacts with water to give potassium hydroxide and hydrogen gas.
16. A solution turns red litmus blue; its pH is likely to be
- a. 1
  - b. 4
  - c. 5
  - d. 10
17. A solution reacts with crushed eggshells to give a gas that turns lime-water milky. The solution contains
- a. NaCl
  - b. HCl
  - c. LiCl
  - d. KCl
18. 10 mL of a solution of NaOH is found to be completely neutralised by 8 mL of a given solution of HCl. If we take 20 mL of the same solution of NaOH, the amount HCl solution (the same solution as before) required to neutralise it will be
- a. 4 mL
  - b. 8 mL
  - c. 12 mL

d. 16 mL

19. Which one of the following types of medicines is used for treating indigestion?
- Antibiotic
  - Analgesic
  - Antacid
  - Antiseptic
20. Write word equations and then balanced equations for the reaction taking place when –
- dilute sulphuric acid reacts with zinc granules.
  - dilute hydrochloric acid reacts with magnesium ribbon.
  - dilute sulphuric acid reacts with aluminium powder.
  - dilute hydrochloric acid reacts with iron filings.
21. Compounds such as alcohols and glucose also contain hydrogen but are not categorised as acids. Describe an Activity to prove it.

- 1) Explain the following terms:
  - a) Server
  - b) Web Server
  - c) Home page
  - d) Blog
  - e) Web Browsers
  - f) Web Portal
  - g) Newsgroup
  - h) Web page
- 2) What are the advantages and disadvantages of using internet?
- 3) Why is internet called "network of networks"?
- 4) What is FTP? What are its advantages?
- 5) What is search engine? What are its usage?
- 6) List some advantages and disadvantages of an E mail.
- 7) Discuss structure of an E mail message.
- 8) What is the purpose of HTML?
- 9) Distinguish between container and empty tags.
- 10) Difference between <BR> and <HR> tags.
- 11) How is <OL> tag different from <UL> tag?
- 12) What is <BASEFONT> tag? Name any two attributes used with this tag?

Class X

Geography(Question Bank)

1. Explain the role of Human in Resource Development ?
2. Explain the types of resources on the basis of origin
3. Differentiate between Renewable and Non-Renewable Resources .
4. Why is Resource Planning Essential ?
5. Explain the importance of biodiversity for Human Beings.
6. What is Water Shed Development?
7. What are the advantages of the Multi Purpose River Valley Projects or the large Dams?
8. Compare the advantages and disadvantages of the Multi Purpose River Valley Projects.
9. What is Agriculture? Explain the main features of Indian Agriculture.
10. What is importance of Animal Husbandry in India?
11. Describe the Geographical conditions required for the growth of Rice, Cotton and Wheat.
12. Suggest the initiation taken by the government to ensure the increase in Agricultural Production.

**Class 10 History**  
**Summative assessment**

**Rise of nationalism in Europe**

1. Define the term absolutist.
2. Define the term conservatism.
3. Name the clubs established by the French Revolutionaries/ middle classes in France.
4. Name the ruler and the states which gave leadership in Italian unification.
5. Name the English poets who organised funds and also participated in the Greek War for independence.
6. Name one French romantic painter of the nineteenth century.
7. Where and by whom was the new German Empire proclaimed?
8. What was Carbonari?
9. When and where did the Frankfurt parliament meet?
10. Which new social groups came into being as a result of the Industrial revolution?
11. Write any four symbols of an independent Nation?
12. Name any two secret societies founded in the early nineteenth century in Europe?
13. What area was known as the Balkans?
14. How did the French Revolution promote the idea of a nation State?
15. What was the impact of The Congress of Vienna?

**Nationalism in India**

1. Define Nationalism?
2. Who set up the Oudh Kisan Sabha?
3. By whom was the Swaraj Party founded?
4. When and why was the Simon Commission set up?
5. Who were Dalits? Name and important Dalit leader.
6. When and where did the Jallianwala Bagh incident take place?
7. How was the Rowlatt Act favourable for the British?
8. Where and when was the decision taken to celebrate 26th January as Independence Day?
9. Give the starting and endpoint of Gandhi Salt March. When was it launched?
10. Name two prominent Industrialists who supported the civil disobedience movement.
11. Name two organisations of Indian merchants and Industrialist, formed to organise business interests.
12. Who first visualised the image of Bharat Mata and depicted it through painting?
13. Who was Baba Ramchandra?
14. What was the role of women in the civil disobedience movement?
15. Why did Mahatma Gandhi call off the Rowlatt Satyagraha?
16. Give any one difference between the methods of Gandhiji and Alluri Sita Ram Raju.
17. When and why did Gandhi relaunch the civil disobedience movement?

NAVYUG VIDYALAYA, BHAGALPUR

CLASS-X

(Question Bank) SUBJECT-MATHS Session (2021-22)

1. If  $\alpha, \beta$  are the zeroes of quadratic polynomial  $x^2-5x+6$ , Find the value of  $\frac{1}{\alpha} + \frac{1}{\beta} + \alpha\beta$
2. If  $\alpha, \beta$  are zeroes of the polynomial  $4x^2-2x+(k-4)$  and  $\alpha = \frac{1}{\beta}$ , find the value of k.
3. If the zeroes of the polynomial  $x^2+px+q$  are double in value to the zeroes of  $2x^2-5x-3$ , find the value of p and q.
4. If  $\alpha$  and  $\beta$  are zeroes of the polynomials  $6y^2-7y+2$ , find a quadratic polynomial whose zeroes are of  $\frac{1}{\alpha}$  &  $\frac{1}{\beta}$ .
5. On dividing  $3x^3+4x^2+5x-13$  by a polynomial  $g(x)$  the quotient and remainder were  $3x+10$  and  $16x-43$  respectively. Find the polynomial  $g(x)$ .
6. Find the largest positive integer that will divide 122, 150 and 115 leaving remainders 5,7 and 11 respectively.
7. Prove that  $\sqrt{5}$  is irrational.
8. If  $4\tan\theta=3$ , Find  $\left(\frac{4\sin\theta-\cos\theta+1}{4\sin\theta+\cos\theta-1}\right)$
9. Prove that  $\sqrt{\frac{1+\sin A}{1-\sin A}} = \sec A + \tan A$ .
10. Prove that  $\frac{\cos A}{1+\sin A} + \frac{1+\sin A}{\cos A} = 2\sec A$ .
11. Solve the elimination method:  
$$3x=y+5$$
$$5x-y=11$$
12. Solve for x  
$$\frac{x-1}{2x+1} + \frac{2x+1}{x-1} = 2$$
13. Which term of the AP 3,7,11,15 is 79. Also find the sum of  $3+7+11+15+19+\dots\dots\dots+79$ .
14. If the sum of m terms of an A.P is n and the sum of first n terms of an A.P is m. Find the sum first (m+n) terms.
15. If pth term of an A.P is  $\frac{1}{q}$  and qth term is  $\frac{1}{p}$ , show that sum of p q th term is  $\frac{1}{2}(pq+1)$

CLASS - 10th  
Chapter - 12 (Electricity)

Question 1: What does an electric circuit mean?

Question 2: Define the unit of current.

Question 3: Name a device that helps to maintain a potential difference across a conductor.

Question 4: What is meant by saying that the potential difference between two points is 1 V?

Question 5: On what factors does the resistance of a conductor depend?

Question 6: Will current flow more easily through a thick wire or a thin wire of the same material, when connected to the same source? Why?

Question 7: Why are coils of electric toasters and electric irons made of an alloy rather than a pure metal?

Question 8: Draw a schematic diagram of a circuit consisting of a battery of three cells of 2 V each, a  $5\ \Omega$  resistor, an  $8\ \Omega$  resistor, and a  $12\ \Omega$  resistor, and a plug key, all connected in series.

Question 9: Redraw the circuit of question 1, putting in an ammeter to measure the current through the resistors and a voltmeter to measure potential difference across the  $12\ \Omega$  resistor. What would be the readings in the ammeter and the voltmeter?

Question 10: An electric lamp of  $100\ \Omega$ , a toaster of resistance  $50\ \Omega$ , and a water filter of resistance  $500\ \Omega$  are connected in parallel to a 220 V source. What is the resistance of an electric iron connected to the same source that takes as much current as all three appliances, and what is the current through it?

Question 11: What are the advantages of connecting electrical devices in parallel with the battery instead of connecting them in series?

Question 12: How can three resistors of resistances  $2\ \Omega$ ,  $3\ \Omega$  and  $6\ \Omega$  be connected to give a total resistance of (a)  $4\ \Omega$ , (b)  $1\ \Omega$ ?

Question 13: Why does the cord of an electric heater not glow while the heating element does?

Question 14: Compute the heat generated while transferring 96000 coulomb of charge in one hour through a potential difference of 50 V.

Question 15: An electric iron of resistance  $20\ \Omega$  takes a current of 5 A. Calculate the heat developed in 30 s.

Question 16: An electric motor takes 5 A from a 220 V line. Determine the power of the motor and the energy consumed in 2 h.

Question 17: How is a voltmeter connected in the circuit to measure the potential difference between two points?

Question 18: When a 12 V battery is connected across an unknown resistor, there is a current of 2.5 mA in the circuit. Find the value of the resistance of the resistor.

### Chapter - 13 (Magnetic Effects of Electric Current)

Question 19: Why does a compass needle get deflected when brought near a bar magnet?

Question 20: Draw magnetic field lines around a bar magnet.

Question 21: List the properties of magnetic lines of force.

Question 22: Why don't two magnetic lines of force intersect each other?

Question 23: Consider a circular loop of wire lying in the plane of the table. Let the current pass through the loop clockwise. Apply the right-hand rule to find out the direction of the magnetic field inside and outside the loop.

Question 24: Choose the correct option.

The magnetic field inside a long straight solenoid-carrying current is zero

- (a) decreases as we move towards its end
- (b) increases as we move towards its end
- (c) is the same at all points

Question 25: Which of the following property of a proton can change while it moves freely in a magnetic field? (There may be more than one correct answer.)

- (a) mass
- (b) speed
- (c) velocity
- (d) momentum

Question 26: A positively-charged particle (alpha-particle) projected towards west is deflected towards north by a magnetic field. The direction of magnetic field is

- (a) towards south
- (b) towards east
- (c) downward
- (d) upward

Question 27: State Fleming's left-hand rule.

Question 28: What is the principle of an electric motor?

Question 29: What is the role of the split ring in an electric motor?

Question 30: Explain different ways to induce current in a coil.

Question 31: State the principle of an electric generator.

Question 32: Name some sources of direct current.

Question 33: Which sources produce alternating current?

Question 34: Choose the correct option.

A rectangular coil of copper wires is rotated in a magnetic field. The direction of the

induced current changes once in each

- (a) two revolutions      (b) one revolution   (c) half revolution (d) one-fourth revolution

Question 35:

Which of the following correctly describes the magnetic field near a long straight wire?

- (a) The field consists of straight lines perpendicular to the wire  
(b) The field consists of straight lines parallel to the wire  
(c) The field consists of radial lines originating from the wire  
(d) The field consists of concentric circles centred on the wire

Question 36: The phenomenon of electromagnetic induction is

- (a) the process of charging a body  
(b) the process of generating magnetic field due to a current passing through a coil  
(c) producing induced current in a coil due to relative motion between a magnet and the coil  
(d) the process of rotating a coil of an electric motor

Question 37: The device used for producing electric current is called a

- (a) generator  
(b) galvanometer  
(c) ammeter  
(d) motor

Question 38: The essential difference between an AC generator and a DC generator is that

- (a) AC generator has an electromagnet while a DC generator has permanent magnet.  
(b) DC generator will generate a higher voltage.  
(c) AC generator will generate a higher voltage.  
(d) AC generator has slip rings while the DC generator has a commutator

**Civics**  
**Class 10**

**Exercise 1- power sharing**

1. What is power sharing?
2. What do you mean by ethnic composition?
3. What is majoritarianism?
4. What do you understand about the civil war?
5. Which country has adopted Buddhism as its official religion?

**Exercise 2- Federalism**

1. In 1947 the boundaries of several old states were changed based on\_\_\_\_\_.
2. What is main objective of a federal system?
3. Rural local government is popularly known as the\_\_\_\_\_.
4. What is federalism?
5. What is Panchayat Samiti?
6. How many countries have federal political system in the world?
7. What are residuary powers?
8. Define concurrent list.
9. Name some Union Territories of India?
10. What is linguistic State?

**Exercise 5- political parties**

1. What is a political party?
2. What do you mean by partisan?
3. Name the oldest political party of India.
4. Define defection.
5. Which coalition Alliance was formed by INC?

## COMPUTER CLASS-X

- 1) Explain the following terms:
  - a) Server
  - b) Web Server
  - c) Home page
  - d) Blog
  - e) Web Browsers
  - f) Web Portal
  - g) Newsgroup
  - h) Web page
- 2) What are the advantages and disadvantages of using internet?
- 3) Why is internet called "network of networks"?
- 4) What is FTP? What are its advantages?
- 5) What is search engine? What are its usage?
- 6) List some advantages and disadvantages of an E mail.
- 7) Discuss structure of an E mail message.
- 8) What is the purpose of HTML?
- 9) Distinguish between container and empty tags.
- 10) Difference between <BR> and <HR> tags.
- 11) How is <OL> tag different from <UL> tag?
- 12) What is <BASEFONT> tag? Name any two attributes used with this tag?

ACCOUNTANCY

HOME WORK

Class-XII

SOLVE ALL THE QUESTIONS

ACCOUNTING FOR PARTNERSHIP : FUNDAMENTAL

Q. NOS. – 3, 10, 16, 27, 39, 41, 42,42, 50, 59, 70, 79, 81, 85, 86

GOODWILL: NATURE AND VALUATION

Q. NOS. – 4, 8, 11, 17, 22, 25, 29, 31, 36, 39

CHANGE IN PROFIT SHARING RATIO

Q. NOS. – 1, 2, 3, 4, 6, 12, 14, 15, 16, 18, 20, 21, 24

ADMISSION OF A PARTNER

Q. NOS. – 3, 6, 7, 9, 10, 15, 22, 24, 28, 30, 32, 34, 36, 39, 42, 48, 51, 54, 61, 64, 67, 70, 73, 76, 78, 81,  
84, 86, 91, 92

RETIREMENT OF A PARTNER

Q. NOS. – 4, 6, 10, 15, 18, 19, 21, 22, 31, 33, 36, 39, 41, 45, 47, 50, 53, 55, 56.

IMPORTANT NOTE:

SOLVE ALL THE MCQ BASED QUESTIONS FROM YOUR BOOK.

# NAVYUG VIDYALAYA, BHAGALPUR

## QUESTION BANK

CLASS-XII

### BIOLOGY

- Q1) Where are B-cells and T-cells formed? How do they differ from each other?
- Q2) What would happen to immune system, if thymus gland is removed from the body of a person?
- Q3) Why is mother's milk considered the most appropriate food for a new born infant?
- Q4) If a patient is advised Anti Retroviral Therapy, which infection is he suffering from? Name the causative organism.
- Q5) How does smoking tobacco in human lead to oxygen deficiency in their body?
- Q6) How has the bacterium *Bacillus thuringiensis* helped us in controlling caterpillars of insect pests?
- Q7) Which bacterium has been used as a clot buster? What is its mode of action.
- Q8) Why is *Rhizobium* categorized as a 'symbiotic bacterium'? How does it act as a biofertiliser?
- Q9) How do mycorrhizae act as biofertilisers? Explain.
- Q10) What are the characteristic features of a true-breeding line?
- Q11) What is Down's syndrome? Give its symptoms and cause.
- Q12) A man with blood group A married a woman with B group. They have a son with AB blood group and a daughter with blood group O. Work out the cross and show the possibility of such inheritance.
- Q13) Who proposed chromosomal theory of inheritance? Point out any two similarities in the behavior of chromosomes and genes.
- Q14) Name a disorder, give the karyotype and write the symptoms where a human male suffers as a result of an additional X-chromosome.

-----X-----

## BUSINESS STUDIES

### HOME WORK

. CLASS – XII

#### NATURE AND SIGNIFICANCE OF MANAGEMENT

- 1 . Define management.
- 2 . Discuss the basic features of management as a profession.
- 3 . Coordination is the essence of management. Do you agree? Give reasons.
- 4 . “Management is a series of continuous interrelated functions .” Comment.
- 5 . Name the levels of management engaged in:-
  - a) Overseeing the activities of the workers.
  - b) Taking key decisions.
  - c) Liaison with outside world.
  - d) Selection of employees
- 6 . Explain any five points of importance of management.

#### PRINCIPLES OF MANAGEMENT

- 1 . Discuss the following techniques of Scientific work Study:
  - a) Time Study
  - b) Motion Study
  - c) Fatigue Study
  - d) Method Study
  - e) Standardisation and Simplification of work
- 2 . Explain the following Principles of Management by Fayol with examples:
  - a) Unity of direction
  - b) Equity
  - c) Esprit De Corps
  - d) Order
  - e) Centralization and Decentralization
  - f) Initiative
- 3 . Explain the principle of 'Scalar Chain' and 'Gang Plank'.

#### BUSINESS ENVIRONMENT

- 1 . What is meant by 'Privatisation'?
- 2 . Explain any four features of business environment.
- 3 . Explain any four features of 'demonetisation'.
- 4 . Explain any three impacts of the changes in government policy on business and industries.

#### PLANNING

- 1 . Define planning. State any three features of it.
- 2 . Explain any four limitations of planning.
- 3 . Give the meaning of the following:
  - a) Policy
  - b) Strategy
  - c) Rules
  - d) Objectives
  - e) Procedure
  - f) Method
- 4 . State any four importance of planning.
5. Differentiate between 'Single Use Plan' and 'Standing Plan'.

#### ORGANISING

- 1 . Distinguish between Functional and Divisinal structures on the basis of:
  - a)Coordination b) Managerial Development c) Cost
- 2 . Distinguish between Formal and Informal Organisation on the basis of the following:
  - a) Origin b) Authority c) Leadership
- 3 . Differentiate between delegation and decentralization.
- 4 . State any four features of informal organisation.
- 5 . Explain the steps in the process of organising .

#### STAFFING

1. Define Staffing.
2. Explain the procedure for selection of employees.
3. State with examples any two monetary and non monetary incentives.
4. Why are internal sources of recruitment considered to be more economical?
5. Explain any four techniques of training.
6. Explain 'Vestibule Training ' and 'Apprenticeship Programme' as Method of training.

#### DIRECTING

1. Define motivation.
2. Differentiate between Democratic and Laissez-faire style of leadership.
3. Differentiate between Formal communication and informal communication.
4. Explain briefly any three personal and organisational barriers to communication.
5. Explain briefly any three measures to overcome the communication barriers.
6. State any three features of directing function of management.

## CONTROLLING

- 1.Explain the steps of controlling process.
- 2.Why is controlling called a forward looking function?
- 3.Why is it said controlling is continuous activity?
- 4.Explain any four points of importance of controlling.
- 5.Explain the relationship between controlling and planning process.

VERY IMPORTANT :

SOLVE AND LEARN ALL THE SHORT TYPES QUESTIONS, MCQ BASED, TRUE-FALSE TYPE, AND VALUE BASED QUESTIONS FROM YOUR BOOK.

1.

## Class XII

### Chemistry

1. Define rate of reaction with its unit.
2. What is the unit of rate constant of zero order reaction?
3. Define order of reaction.
4. What do you mean by complex reaction?
5. Define half-life of a reaction.
6. What do you mean by denaturation of alcohol?
7. Draw the structure of cyclo-hexyl methanol.
8. Give one example of allylic alcohol.
9. Write the mechanism of the reaction of HI with methoxy methane
10. Write the equation for the nitration of Anisole.
11. Explain why propanol has higher boiling point than that of the hydrocarbon butane?
12. Give the equations of reactions for the preparation of phenol from cumene.
13. Mention the factors that affect the rate of a chemical reaction.
14. A first order reaction takes 40 min for 30% decomposition. Calculate  $t_{1/2}$ .
15. Silver crystallises in fcc lattice. If edge length of the cell is  $4.07 \times 10^{-8}$  cm and density is  $10.5 \text{ g cm}^{-3}$ , calculate the atomic mass of silver.
16. A cubic solid is made of two elements P and Q. Atoms of Q are at the corners of the cube and P at the body-centre. What is the formula of the compound? What are the coordination numbers of P and Q?
17. Niobium crystallises in body-centred cubic structure. If density is  $8.55 \text{ g cm}^{-3}$  calculate atomic radius of niobium using its atomic mass 93 u.
18. If the radius of the octahedral void is  $r$  and radius of the atoms in closepacking is  $R$ , derive relation between  $r$  and  $R$ .
19. Copper crystallises into a fcc lattice with edge length  $3.61 \times 10^{-8}$  cm. Show that the calculated density is in agreement with its measured value of  $8.92 \text{ g cm}^{-3}$

20. Analysis shows that nickel oxide has the formula  $\text{Ni}_{0.98}\text{O}_{1.00}$ . What fractions of nickel exist as  $\text{Ni}^{2+}$  and  $\text{Ni}^{3+}$  ions?
21. What is a semiconductor? Describe the two main types of semiconductors and contrast their conduction mechanism.
22. Non-stoichiometric cuprous oxide,  $\text{Cu}_2\text{O}$  can be prepared in laboratory. In this oxide, copper to oxygen ratio is slightly less than 2:1. Can you account for the fact that this substance is a p-type semiconductor?
23. Ferric oxide crystallises in a hexagonal close-packed array of oxide ions with two out of every three octahedral holes occupied by ferric ions. Derive the formula of the ferric oxide.
24. Classify each of the following as being either a p-type or a n-type semiconductor:
- Ge doped with In
  - Si doped with B
25. Gold (atomic radius = 0.144 nm) crystallises in a face-centred unit cell. What is the length of a side of the cell?
26. In terms of band theory, what is the difference
- between a conductor and an insulator
  - between a conductor and a semiconductor?
27. A hydrocarbon  $\text{C}_5\text{H}_{10}$  does not react with chlorine in dark but gives a single monochloro compound  $\text{C}_5\text{H}_9\text{Cl}$  in bright sunlight. Identify the hydrocarbon.
28. Write the isomers of the compound having formula  $\text{C}_4\text{H}_9\text{Br}$ .
29. Write the equations for the preparation of 1-iodobutane from
- 1-butanol
  - 1-chlorobutane
  - but-1-ene
30. What are ambident nucleophiles? Explain with an example.
31. Which compound in each of the following pairs will react faster in  $\text{S}_{\text{N}}2$  reaction with  $\text{OH}^-$ ?
- $\text{CH}_3\text{Br}$  or  $\text{CH}_3\text{I}$
  - $(\text{CH}_3)_3\text{CCl}$  or  $\text{CH}_3\text{Cl}$
32. Predict all the alkenes that would be formed by dehydrohalogenation of the following halides with sodium ethoxide in ethanol and identify the major alkene:
- 1-Bromo-1-methylcyclohexane
  - 2-Chloro-2-methylbutane
  - 2,2,3-Trimethyl-3-bromopentane
33. How will you bring about the following conversions?
- Ethanol to but-1-yne
  - Ethane to bromoethane
  - Propene to 1-nitropropane
  - Toluene to benzyl alcohol

- e. Propene to propyne
- f. Ethanol to ethyl fluoride
- g. Bromomethane to propanone
- h. But-1-ene to but-2-ene
- i. 1-Chlorobutane to n-octane
- j. Benzene to biphenyl.

34. Why does the reactivity of nitrogen differ from phosphorus?
35. Discuss the trends in chemical reactivity of group 15 elements.
36. How is nitrogen prepared in the laboratory? Write the chemical equations of the reactions involved.
37. How is ammonia manufactured industrially?
38. Give the disproportionation reaction of  $\text{H}_3\text{PO}_3$ .
39. Why is dioxygen a gas but sulphur a solid?
40. Describe the manufacture of  $\text{H}_2\text{SO}_4$  by contact process?
41. How is  $\text{SO}_2$  an air pollutant?
42. List the uses of neon and argon gases.
43. What are reducing sugars?
44. What do you understand by the term glycosidic linkage?
45. Define the following as related to proteins
- a. Peptide linkage
  - b. Primary structure
  - c. Denaturation
46. How are vitamins classified? Name the vitamin responsible for the coagulation of blood.
47. Write the important structural and functional differences between DNA and RNA.

- 1) What is a python module? What is its significance.
- 2) What is the usage of help() and dir functions.
- 3) Explain the difference between import <module> and from <module> import statements, with examples.
- 4) What is the use of file `__init__.py` in a package even when it is empty?
- 5) Consider the following code:

```
import random
print (int (20 + random.random() * 5), end=' ')
print (int (20 + random.random() * 5), end=' ')
print (int (20 + random.random() * 5), end=' ')
print (int (20 + random.random() * 5))
```

Find the suggested output options (i) to (iv). Also, write the least value and highest value that can be generated.

- (i) 20 22 24 25
- (ii) 22 23 24 25
- (iii) 23 24 23 24
- (iv) 21 21 21 21

- 6) What is difference between read() and readlines() function?
- 7) How is file open() function different from close() function?

8) How is the `file open()` function different from `close()` function?

9) What is the role played by file modes in file operations? Describe the various file mode constants and their meaning.

10) Write a program to display all the records in a file along with line / record number.

11) Write a program to count the number of upper case alphabets present in a text file. "Article.txt".

12) Write a program to count the words "to" and "the" present in a text file. "poem.txt".

**NAVYUG VIDYALAYA, BHAGALPUR**

**CLASS – XII**

**SUBJECT: ECONOMICS (030)**

Assignment (2021-22)

1. In India, coins are issued by  
(a) State Bank of India (b) RBI  
(c) Ministry of Finance (d) None of these
2. With an increase in margin requirement, availability of credit in the economy  
(a) Increases (b) Decreases  
(c) Unchanged (d) None of these
3. Reverse repo rate  
(a) Generates interest income (b) is increase to curb inflation  
(c) is not a policy rate (d) both (a) and (b)
4. Stagnate economy is the one which shows  
(a) Little growth in income (b) high growth in income  
(c) Low level of productivity (d) Both (a) and (c)
5. The planning commission was established under the chairmanship of  
(a) P. C. Mahalanobis (b) Jawahar Lal Nehru  
(c) V.K.R.V Rao (d) B.R. Ambedkar
6. Explain the 'lender of last resort' function of the central bank.
7. How can 'Jan Dhan Yojana' be used as an instrument to increase the supply of money by commercial banks?
8. Explain any three functions of commercial banks.
9. What is monetary policy? State any three instruments of monetary policy.
10. Explain the process of credit creation by commercial banks.
11. Discuss any three causes of India's agricultural stagnation during the colonial period.
12. What objective did the British intend to achieve through their policies of infrastructure development in India?
13. Write a critical review of New Economic Policy (NEP).
14. Define LPG. State the measures adopted by the government to promote globalization.
15. Why was public sector given a leading role in industrial development during planning period?

Q-Bank. XII. English Core

Write your answers in 30-40 words

1. 'Vive La France', the statement quoted by M Hamel was an inspiring, alarming and awakening message for the French. What was the situation? Explain.
2. 'Why don't you wear chappal?', this question seems hollow and ridiculous. How can you say this?
3. 'Fear of Water' is Douglas's childhood fear which haunts him again and again till he was trained for swimming. What was his childhood incident of drowning? Describe.
4. 'Few aeroplanes fly over Ferozabad', elucidate in your words a child like Mukesh can not dream out of his reach. Is it true?
5. 'I crossed to oblivion and the curtain of life fell'. What did the writer want to say about Douglas?
6. 'Future is painted with fog', in the poem 'An Elementary school Class room in slum' highlights the pathetic condition of the slum kids. Explain.
7. 'Smile and Smile and Smile' is a poetic device. Identify it and justify its suitability at the situation in the poem 'My mother at Sixty six'.
8. 'Have no truck with Death' tells the entire Humanity an important message. What is it? in the poem 'Keeping Quiet'.
9. What are the two foreign elements the General wanted Sadao to possess.
10. 'The Enemy' deals with the conflict between Human feelings and prejudices created by nations during War. Why didn't they put the American soldier back into the sea?

Long Answers 120- 150 words

1. 'My last French lesson! Why! I hardly know how to write!' this tells that students don't take school seriously. You are Franz. Write the role of society in solving.
2. None of them knows that it is illegal for children like him to work in the glass furnaces. What can be done to improve the lot of poor children of India.

3. Roosevelt said, ' All we have to fear is fear itself. Do you agree .Take evidence from the story, Deep Water and express in your words.

4. Hatred against the Enemy is justified during War. What makes a human being rise above narrow prejudice?

5. Service to the wounded is the best service to Humanity. The story "The Enemy" justifies it from the eyes of Sadao. Describe.....

# Question Bank

classmate  
Date \_\_\_\_\_  
Page 1

2021-22

CLASS XII (Maths)

1. Let  $N$  be the set of all natural numbers. A relation  $R$  be defined on  $N \times N$  by  $(a, b) R (c, d) \Leftrightarrow a + d = b + c$ . Show that  $R$  is an equivalence relation.

2. Let  $f(x) = x^2 - 5x + 6$ .

Find  $f(A)$ , if  $A = \begin{bmatrix} 2 & 0 & 1 \\ 2 & 1 & 3 \\ 1 & -1 & 0 \end{bmatrix}$

3. Express as the sum of a symmetric and skew-symmetric matrix

$$A = \begin{bmatrix} 2 & -2 & -4 \\ -1 & 3 & 4 \\ 1 & -2 & -3 \end{bmatrix}$$

4. Solve the system of equations, using matrices:

$$\frac{2}{x} + \frac{3}{y} + \frac{10}{z} = 4, \quad \frac{4}{x} - \frac{6}{y} + \frac{5}{z} = 1,$$
$$\frac{6}{x} + \frac{9}{y} - \frac{20}{z} = 2.$$

(2)

5. If  $\cos^{-1}\left(\frac{x}{a}\right) + \cos^{-1}\left(\frac{y}{b}\right) = \alpha$ , prove that

$$\frac{x^2}{a^2} - \frac{2xy}{ab} \cos \alpha + \frac{y^2}{b^2} = \sin^2 \alpha.$$

Evaluate prove that

6. (i) 
$$\begin{vmatrix} a^2+1 & ab & ac \\ ab & b^2+1 & bc \\ ac & bc & c^2+1 \end{vmatrix} = 1+a^2+b^2+c^2$$

(ii) 
$$\begin{vmatrix} 1+a^2-b^2 & 2ab & -2b \\ 2ab & 1-a^2+b^2 & 2a \\ 2b & -2a & 1-a^2-b^2 \end{vmatrix} = (1+a^2+b^2)^3$$

7. Determine the values of a, b, c for which the function f defined by

$$f(x) = \frac{\sin(a+x) + \sin x}{x}, \quad x < 0$$

$$= c, \quad x = 0$$

$$= \frac{\sqrt{x+bx^2} - \sqrt{x}}{bx^{3/2}}, \quad x > 0$$

is continuous at  $x = 0$

(3)

8. Find  $\frac{dy}{dx}$  if (i)  $y = \sin^{-1} \left[ \frac{5x + 12\sqrt{1-x^2}}{13} \right]$

(ii)  $y = \sin^{-1} \left[ \frac{1}{\sqrt{1+x^2}} \right] + \tan^{-1} \left( \frac{\sqrt{1+x^2}-1}{x} \right)$

9. If  $x \cdot \sqrt{1+y} + y \cdot \sqrt{1+x} = 0$ , prove that

$$\frac{dy}{dx} = -\frac{1}{(1+x)^2}$$

10. If  $\cos \frac{x}{2} \cdot \cos \frac{x}{4} \cdot \cos \frac{x}{8} \cdots = \frac{\sin x}{x}$

then: prove that

$$\frac{1}{2^2} \sec^2 \left( \frac{x}{2} \right) + \frac{1}{2^4} \sec^2 \left( \frac{x}{4} \right) + \cdots$$

$$= \sec^2 x - \frac{1}{x^2}$$

11. If  $x = \frac{\sin^3 t}{\sqrt{\cos 2t}}$ ,  $y = \frac{\cos^3 t}{\sqrt{\cos 2t}}$ ,

show that  $\frac{dy}{dx} = -\cot 3t$

12. If  $y^{\frac{1}{m}} + y^{-\frac{1}{m}} = 2x$ , prove that

$$(x^2-1)y_2 + xy_1 - m^2y = 0$$

13. If  $x = a \sin t$ ,  $y = a \left( \cos t + \log \tan \frac{t}{2} \right)$ ,

Find  $\frac{d^2y}{dx^2}$ .

(4)

classmate

Date \_\_\_\_\_

Page \_\_\_\_\_

14. Show that volume of the greatest cylinder which can be inscribed in a cone of height  $h$  and semi-vertical angle  $\alpha$  is  $\frac{4}{27} \pi h^3 \tan^2 \alpha$ .

15. Find the equations of tangents to the curve  $y = x^3 + 2x + 6$  which are perpendicular to the line  $x + 14y + 4 = 0$ .

~~Ans~~  
25/07/21

Q.Bank. Class XII Physical Education

Very short answer type questions (20 to 30 words)

Q.1:- Explain briefly the meaning of word 'Yuj'.

Q.2:- Define yoga in your words.

Q.3:- List down four benefits of yoga.

Q.4:- Mention four elements of yoga.

Q.5:- Name any four Asapas.

Q.6:- What is Disability?

Q.7:- What do you mean by Disorder?

Q.8:- Mention four types of Disability.

Q.9:- What do you mean by ADHD?

Q.10:- What is ODD? Mention any one cause of ODD.

Q.11:- What do you mean by Motor Development?

Q.12:- Mention the stages of Motor Development.

Q.13:- Enlist two factors affecting Motor Development.

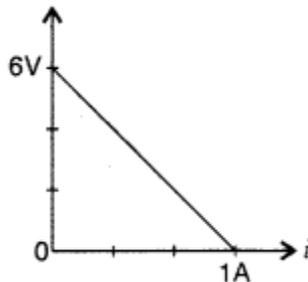
Q.14:- Define Posture.

Q.15:- Explain correct Standing Posture.

## CHAPTER : CURRENT ELECTRICITY

Question 1.

The plot of the variation of potential difference across a combination of three identical cells in series, versus current is as shown in the figure. What is the emf of each cell?



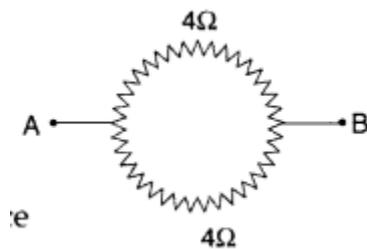
Answer:

Total emf of three cells in series = P.D corresponding to zero current = 6V

∴ The emf of each cell =  $\frac{6}{3} = 2V$

Question 2.

A wire of resistance  $8R$  is bent in the form of a circle. What is the effective resistance between the ends of a diameter  $2AB$ ?



Answer:

The effective resistance between A and B is

$$R_{\text{eff}} = \frac{4R \times 4R}{4R + 4R} = \frac{16R^2}{8R} = 2R$$

Question 3.

Two conducting wires X and Y of same diameter across a battery. If the number density of electrons in X is twice that in Y, find the ratio of drift velocity of electrons in the two wires. (All India 2008)

Answer:

$$I = neA v_d \quad \therefore \frac{v_{d_x}}{v_{d_y}} = \frac{n_y}{n_x}$$

$$\text{As } n_x = 2n_y \quad \therefore \frac{v_{d_x}}{v_{d_y}} = \frac{1}{2}$$

Question 4.

A resistance  $R$  is connected across a cell of emf  $\epsilon$  and internal resistance  $r$ . A

potentiometer now measures the potential difference between the terminals of the cell as  $V$ . write the expression for ' $r$ ' in terms of  $\epsilon$ ,  $V$  and  $R$ .

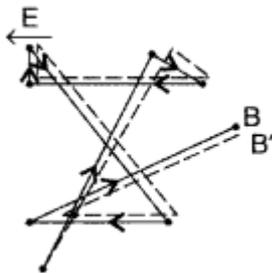
Answer:

$$\text{Expression : } r = \left( \frac{\epsilon}{V} - 1 \right) R$$

Question 5.

When electrons drift in a metal from lower to higher potential, does it mean that all the free electrons of the metal are moving in the same direction?

Answer:



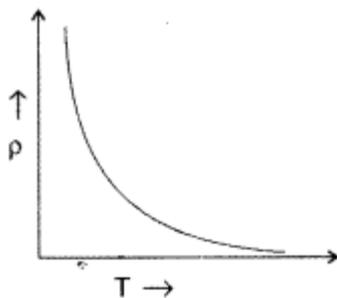
No, only the drift velocities of the electrons are superposed over their random (haphazard) thermal velocities. The solid line shows the random path followed by a free electron in the absence of an external field.

The electron proceeds from  $A$  to  $B$ , making six collisions on its path. The dotted curve shows how the random motion of the same electron gets modified when an electric field is applied.

Question 6.

Show on a graph the variation of resistivity with temperature for a typical semiconductor. (Delhi 2012)

Answer:



Resistivity of a semi conductor decreases rapidly with temperature.

Question 7.

Two wires of equal length, one of copper and the other of manganin have the same resistance. Which wire is thicker?

Answer:

$$\text{As } R = \frac{\rho l}{A} \quad \therefore A = \frac{\rho l}{R}$$

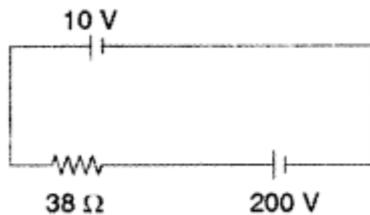
For both wires R and l are same and  $\rho_{\text{copper}} < \rho_{\text{manganin}}$ .

$\therefore A_{\text{copper}} < A_{\text{manganin}}$

i.e. Manganin wire is thicker than copper wire.

Question 8.

A 10 v battery of negligible internal resistance is connected across a 200 V battery and a resistance of  $38\Omega$  as shown in the figure. Find the value of the current in circuit. (Delhi 2013)



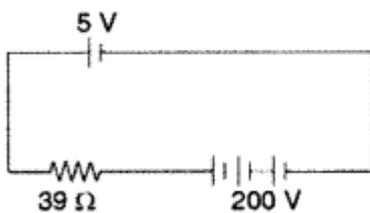
Answer:

Applying Kirchoff's rule, we get  $200 - 10 = 190 \text{ V}$

$$\text{and } I = \frac{V}{R} = \frac{190}{38} = 5 \text{ A}$$

Question 9.

A 5 V battery of negligible internal resistance is connected across a 200 V battery and a resistance of  $39\Omega$  as shown in the figure. Find the value of the current (Delhi 2013)



Answer:

$$\text{Value of current, } i = \frac{200 - 5}{39} = 5 \text{ A}$$

Question 10.

The emf of a cell is always greater than its terminal voltage. Why? Give reason.

Answer:

Emf is the p.d. when no current is drawn. When current is drawn, there will be potential drop across the internal resistance of the cell. So, terminal voltage will be less than the emf.

Question 11.

A cell of emf 'E' and internal resistance 'r' draws a current 'I'. Write the relation between terminal voltage 'V' in terms of E, I and r.

Answer:

$$V = E - I$$

Question 12.

Two identical cells, each of emf  $E$ , having negligible internal resistance, are connected in parallel with each other across an external resistance  $R$ . What is the current through this resistance ?

Answer:

$$\therefore I = \frac{E}{R}$$

[When cells are connected in parallel, emf remains unchanged]

Question 13.

Why is the terminal voltage of a cell less than its emf?

Answer:

Terminal voltage of a cell is less than emf because some current, however small, may be drawn to measure terminal voltage due to internal resistance of the cell.

Question 14.

Two students A and B were asked to pick a resistor of  $15 \text{ k}\Omega$  from a collection of carbon resistors. A picked a resistor with bands of colours : brown, green, orange while B chose a resistor with bands of black, green, red. Who picked the correct resistor?

Answer:

Student 'A' picked up the correct resistor of  $15 \text{ k}\Omega$ .

Question 15.

Define the term 'Mobility' of charge carriers in a conductor. Write its S.I. unit.

Answer:

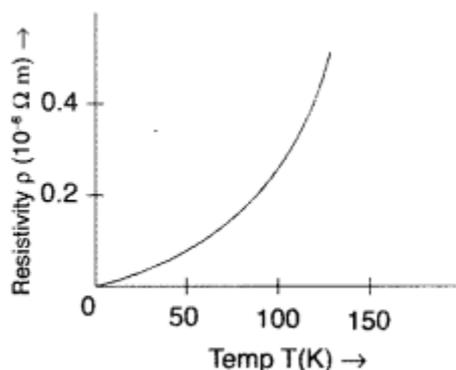
Mobility of charge carriers is defined as the magnitude of the drift velocity per unit electric field  $E$ .

$$\therefore \mu = \left| \frac{V_d}{E} \right| = \frac{e\tau}{m}$$

Question 16.

Show variation of resistivity of copper as a function of temperature in a graph.

Answer:



Question 17.

Define the term 'electrical conductivity' of a metallic wire. Write its S.I. unit.

Answer:

Conductivity. The reciprocal of the resistivity of the material of a conductor is called its conductivity 'σ'

$$\therefore \sigma = \frac{1}{\rho}$$

The SI unit of conductivity is Ohm<sup>-1</sup> metre<sup>-1</sup> (Ω<sup>-1</sup>m<sup>-1</sup>).

Question 18.

Define the term 'drift velocity' of charge carriers in a conductor and write its relationship with the current flowing through it. (Delhi 2014)

Answer:

Drift velocity. It is the velocity with which a free electron in the conductor gets drifted under the influence of the applied external electric field

$$\therefore \vec{V}_d = \frac{e\tau\vec{E}}{m} = \frac{I}{neA}$$

...where

[	τ is average relaxation time.
	n is number of free electrons per unit volume in the conductor.
	m is mass of an electron and $\vec{E}$ is electric field.

Question 19.

How does the random motion of free electrons in a conductor get affected when a potential difference is applied across its ends?

Answer:

Random motion of free electrons gets directed towards the point at a higher potential.

Question 20.

State the underlying principle of a potentiometer. Answer:

When a constant current flows through a wire of uniform cross-section and of uniform composition, the potential difference across any length of wire is directly proportional to its length

## CHAPTER : MAGNETIC EFFECT OF CURRENT

Question 1.

What is the direction of the force acting on a charged particle q, moving with a velocity  $\vec{v} \rightarrow$  in a uniform magnetic field  $\vec{B}$ ?

Answer:

The direction of the force acting on a charged particle q, moving with a velocity  $\vec{v} \rightarrow$  in a uniform

magnetic field  $\vec{B} \rightarrow$  is perpendicular to the plane of vectors  $\vec{v} \rightarrow$  and  $\vec{B} \rightarrow$

$$\text{Also, } \vec{F} = q (\vec{v} \times \vec{B}) \quad \dots(i)$$

So, force is perpendicular to both  $\vec{v}$  and  $\vec{B}$ . From equation (i), we can also say that the force  $\vec{F}$  acts in the direction of the vectors  $\vec{v}$  and  $\vec{B}$

Question 2.

Why should the spring/suspension wire in a moving coil galvanometer have low torsional constant?

Answer:

Low torsional constant is basically required to increase the current/charge sensitivity in a moving coil ballistic galvanometer.

Question 3.

Magnetic field lines can be entirely confined within the core of a toroid, but not within a straight solenoid. Why?

Answer:

At the edges of the solenoid, the field lines get diverged due to other fields and/or non-availability of dipole loops, while in toroids the dipoles (in loops) orient continuously.

Question 4.

An electron does not suffer any deflection while passing through a region of uniform magnetic field. What is the direction of the magnetic field?

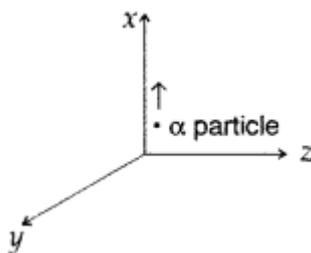
Answer:

$$\vec{f} = q (\vec{v} \times \vec{B}) = 0 \quad \text{Since } \vec{v} \parallel \vec{B}$$

∴ Magnetic field will be in the line of the velocity of electron.

Question 5.

A beam of particles projected along +x-axis, experiences a force due to a magnetic field along the +y-axis. What is the direction of the magnetic field?



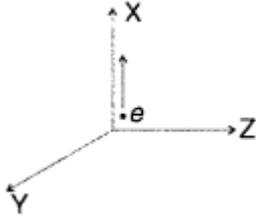
Answer:

$$\vec{F} = q(\vec{v} \times \vec{B})$$

Direction of the magnetic field is towards negative direction of z-axis.

Question 6.

A beam of electrons projected along +x-axis, experiences a force due to a magnetic field along the +y/-axis. What is the direction of the magnetic field?

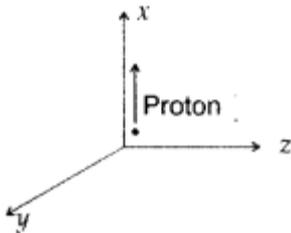


Answer:

Direction of the magnetic field is  $F = q(v \times B)$  towards positive direction of z-axis.

Question 7.

A beam of protons, projected along + x-axis, experiences a force due to a magnetic field along the - y-axis. What is the direction of the magnetic field?



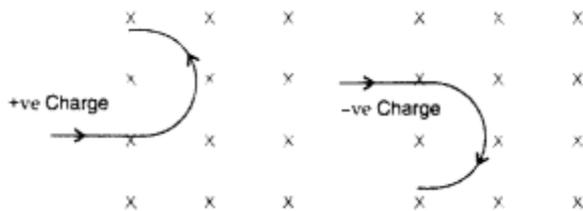
Answer:

The direction of the magnetic field is towards positive direction of z-axis.

Question 8.

Depict the trajectory of a charged particle moving with velocity  $v$  as it enters a uniform magnetic field perpendicular to the direction of its motion

Answer:



The force acting on the charge particle will be perpendicular to both  $v$  and  $S$  and therefore will describe a circular path.

Question 9.

Write the expression in vector form, for the magnetic force  $F \rightarrow$  acting on a charged particle moving with velocity  $V \rightarrow$  in the presence of a magnetic field  $B$ .

Answer:

$$\text{Magnetic force, } \vec{F} = q(\vec{V} \times \vec{B})$$

$$\Rightarrow |\vec{F}| = qVB \sin \theta$$

Question 10.

An ammeter of resistance  $0.6 \Omega$  can measure current upto  $1.0 \text{ A}$ . Calculate

(i) The shunt resistance required to enable the ammeter to measure current upto  $5.0 \text{ A}$

(ii) The combined resistance of the ammeter and the shunt.

Answer:

$$(i) \text{ Shunt Resistance, } S = \frac{R_A i_g}{i - i_g} = \frac{0.6 \times 1}{4} = 0.15 \Omega$$

$$(ii) \text{ Total Resistance, } \frac{1}{R_{\text{total}}} = \frac{1}{0.6} + \frac{1}{0.15} = \frac{25}{3}$$

$$R_{\text{total}} = \frac{3}{25} \Omega = 0.12 \Omega$$

Question 11.

Write the expression, in a vector form, for the Lorentz magnetic force  $\vec{F}$  due to a charge moving with velocity  $\vec{V}$  in a magnetic field  $\vec{B}$ . What is the direction of the magnetic force? (Delhi 2013)

Answer:

$$\vec{F} = q(\vec{v} \times \vec{B})$$

... [q is the magnitude of the moving charges)

This force is normal to both the directions of velocity  $\vec{V}$  and magnetic field  $\vec{B}$ .

Question 12.

Using the concept of force between two infinitely long parallel current carrying conductors, define one ampere of current.

Answer:

$$F = \frac{\mu_0 I_1 I_2}{2\pi r}$$

“One ampere of current is the value of steady current, which when maintained in each of the two very long, straight, parallel conductors of negligible cross-section; and placed one metre apart in vacuum, would produce on each of these conductors a force of equal to  $2 \times 10^{-7}$  newtons per metre ( $\text{Nm}^{-1}$ ) of length. ”

Question 13.

Write the condition under which an electron will move undeflected in the presence of crossed electric and magnetic fields

Answer:

$$V = \frac{E}{B}$$

and electric and magnetic fields are mutually perpendicular.

Question 14.

Why do the electrostatic field lines not form closed loops?

Answer:

Electric field lines do not form closed loops because the direction of an electric field is from positive to negative charge. So one can regard a line of force starting from a

positive charge and ending on a negative charge. This indicates that electric field lines do not form closed loops.

Question 15.

A particle of mass 'm' and charge 'q' moving with velocity V enters the region of uniform magnetic field at right angle to the direction of its motion. How does its kinetic energy get affected?

Answer:

Kinetic energy will NOT be affected.

\*(When  $\vec{v}$  is perpendicular to  $\vec{B}$ , then magnetic field provides necessary centripetal force)

Class - XII

Question - Bank

MUSIC

DATE

PAGE

1. राग <sup>११</sup>श्रीख का वादी संपादी क्या है ?  
श, रे
2. राग यमन का वादी संपादी क्या है ?  
ग, नि
3. धमाक ताल का मात्रा कितना है ?  
५
4. मूर्च्छना की संख्या कितना दीया है ?  
7
5. ग्राह की संख्या कितना दीया है ?  
10
6. सुबह का संधिप्रकाश राग क्या है ?  
<sup>११</sup>श्रीख
7. शाम का संधिप्रकाश राग क्या है ?  
भारवा
8. गानपुरी का कितना तार दीया है ?  
4
9. विकृत स्वर कितना दीया है ?  
5
10. रूपक ताल की मात्रा कितना दीया है ?  
7

11. एकताल की कितनी भाषा होती हैं?

12

12. प्राचीनकाल में ग्राह्य का संख्या कितना होता है

3

13. राग श्रीमपलसी का ग्राह्य -  
काफी

14. प्राचीनकाल में गमक की संख्या

15

15. उस्ताद फैयाज खान का जन्म कब हुआ था  
1886

16. पंडित कृष्णशिव शंकर पंडित का जन्म कब  
1994

17. उस्ताद बड़े जुनाभ अली खान का जन्म कब हुआ  
1903

18. विकृत स्वर का कितनी भाग होते हैं,  
दो भाग

19. संगीत ब. रत्नाकर का स्थापना कब हुआ  
13वीं शताब्दी

20. विष्णु दिगम्बर पल्लुस्कर का जन्म कब हुआ  
1872.