



Navyug Vidyalaya, Bhagalpur

Class-X

Assignment-IV Session (2020-21)

(Summer Vacation)

Subject- English

SANJU KUMARI MAM 7250400855

Book – Footprints without Feet

Chapter-2 [The Thief's Story]

Q.1 Answer the following questions in 30-40 words each:-

- (i) Where did Anil meet Hari Singh? What did they talk about?
- (ii) Why did Hari Singh hide his real name?
- (iii) What did Anil do? How did he spend money?
- (iv) How was Anil the most trusting person the thief had ever met?
- (v) What did Hari Singh think when he was on the road after stealing the money?
- (vi) Why, according to Hari Singh, is it easier to rob a greedy man than a careless person like Anil?
- (vii) Why did Hari Singh (the thief) want to become an educated man? Who helped him in it?
- (viii) Why did Hari Singh return to Anil, although he had stolen money and escaped easily?
- (ix) Why did Hari Singh select Anil for his next prey?
- (x) State the events that took place on the night of the theft?

Q.2 Answer the following questions in 100-150 words:-

- (i) Money can't make a man as much as education can? Elucidate the statement?
- (ii) Write a character sketch of Hari Singh (the thief)?

or

How did Hari Singh change himself at the end of the story?

- (iii) Who was Anil? How did he change Hari Singh?
- (iv) Why did a narrator return to Anil's room and put the money back?

Q.3 Write the meaning of difficult words from the chapter:- The Thief's Story.

Chapter-3 [The Midnight Visitor]

Q.1 Answer the following questions in 30-40 words each:-

- (i) How is Ausable different from other secret agents?
- (ii) Who is Fowler and what is his first authentic thrill of the day?
- (iii) What did Ausable and Fowler see when entering the room?
- (iv) What was Max's purpose to enter Ausable's room?
- (v) What story did Ausable tell Max about the balcony? Why did he tell him?
- (vi) How did Ausable get rid of Max?
- (vii) What were the reactions of Ausable, Max and Fowler when they heard a knock at the door?
- (viii) What happened to Max when he jumped from the window?
- (ix) Do you think that Ausable was a good secret agent? How?

Q.2 Answer the following questions in 100-150 words:-

- (i) Write a character sketch of Ausable?

or

What impression do you form about Ausable as a secret agent after reading the story "The Midnight Visitor"?

- (ii) Why did Max scream shrilly when he dropped to the balcony?
- (iii) What information did Ausable give about the imaginary balcony? Why did he do so?

Q.3 Write the meaning of difficult words from the chapter:- The Midnight Visitor.

Subject- Maths
ARUN KUMAR SINGH SIR 8210432541

Question numbers 1 to 10 MCQ and other subjective:

- Q.1 If nth term of an AP is $(2n+1)$ the sum of first three term is
(a) 12 (b) 15 (c) 18 (d) None
- Q.2 The sum of first 20 odd natural numbers is
(a) 100 (b) 210 (c) 400 (d) None
- Q.3 The common difference of the AP $\frac{1}{2q}, \frac{1-2q}{2q}, \dots$ is
(a) -1 (b) 1 (c) q (d) None
- Q.4 If k, $2k-1$ and $2k+1$ are three consecutive terms of an AP, the value of k is
(a) -2 (b) 3 (c) -3 (d) None
- Q.5 The next term of the A.P $\sqrt{7}, \sqrt{28}, \sqrt{63}, \dots$
(a) $\sqrt{70}$ (b) $\sqrt{84}$ (c) $\sqrt{112}$ (d) None
- Q.6 If 18, a, b, -3 are in A.P, then $a+b=$
(a) 19 (b) 7 (c) 11 (d) None
- Q.7 10th term of the A.P 1, 4, 7, 10, is
(a) 27 (b) 28 (c) 30 (d) None
- Q.8 Which term of the A.P 21, 42, is 420?
(a) 20th term (b) 22nd term (c) 24th term (d) None
- Q.9 If the first term of an A.P is 2 and common difference is 4, then the sum of its 40 terms is
(a) 3200 (b) 1600 (c) 200 (d) None
- Q.10 If the first term of an A.P is a and nth term is b, then its common difference is
(a) $\frac{b-a}{n+1}$ (b) $\frac{b-a}{n-1}$ (c) $\frac{b-a}{n}$ (d) None
- Q.11 Which term of the A.P 5, 15, 25, will be 130 more than its 31st term?
- Q.12 How many numbers of two digits are divisible by 7?
- Q.13 Find 8th term from the end of the A.P 7, 10, 13, 184.
- Q.14 The sum of the first p, q, r terms of an A.P are a, b, c respectively. Show that
 $\frac{a}{p}(q-r) + \frac{b}{q}(r-p) + \frac{c}{r}(p-q) = 0$
- Q.15 Find the sum:
 $3+11+19+\dots+803$.
- Q.16 Find the sum of the 25 terms of an A.P. Whose nth term is given by $a_n=7-3n$.
- Q.17 Find the sum of n terms of the series
 $\left(4 - \frac{1}{n}\right) + \left(4 - \frac{2}{n}\right) + \left(4 - \frac{3}{n}\right) + \dots$
- Q.18 If the sum of 7 terms of an A.P is 49 and that of 17 terms is 289, Find the sum of n terms.
- Q.19 For what value of n, the nth terms of the A.P's 63, 65, 67, and 3, 10, 17, are equal?
- Q.20 The angles of a quadrilateral are in A.P whose common difference is 10° . Find angles.

Subject- Physics
VIJAYANT SINHA SIR 7717789015

1. Complete the notes of chapters:-
(i) Electricity
(ii) Sources of Energy in you C.W copy
2. Solve all the numerical questions of the chapter- Electricity in your H.W Copy.
3. Complete the question-answer of ch-Sources of energy from NCERT in your H.W copy.

Subject- Chemistry
CHANDRA BHUSHAN JHA SIR 9430451504

1. A solution turns red litmus blue, its pH is likely to be
(a) 1 (b) 4 (c) 5 (d) 10
2. A solution reacts with crushed egg-shells to give a gas that turns lime-water milky. The solution contains
(a) NaCl (b) HCl (c) LiCl (d) KCl
3. 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
4. Which one of the following types of medicines is used for treating indigestion?
(a) Antibiotic
(b) Analgesic
(c) Antacid
(d) Antiseptic
5. Write word equations and then balanced equations for the reaction taking place when –
(a) dilute sulphuric acid reacts with zinc granules.
(b) dilute hydrochloric acid reacts with magnesium ribbon.
(c) dilute sulphuric acid reacts with aluminium powder.
(d) dilute hydrochloric acid reacts with iron filings.
6. Compounds such as alcohols and glucose also contain hydrogen but are not categorised as acids. Describe an Activity to prove it.
7. Why does distilled water not conduct electricity, whereas rain water does?
8. Why do acids not show acidic behaviour in the absence of water?
9. Five solutions A, B, C, D and E when tested with universal indicator showed pH as 4, 1, 11, 7 and 9, respectively. Which solution is (a) neutral?
(b) strongly alkaline?
(c) strongly acidic?
(d) weakly acidic?
(e) weakly alkaline?
Arrange the pH in increasing order of hydrogen-ion concentration
10. Equal lengths of magnesium ribbons are taken in test tubes A and B. Hydrochloric acid (HCl) is added to test tube A, while acetic acid (CH_3COOH) is added to test tube B. Amount and concentration taken for both the acids are same. In which test tube will the fizzing occur more vigorously and why?

Subject- Biology
RAHUL JHA SIR 9631022032

1. Name the only natural process by which oxygen is liberated for use in respiration by all organisms?
2. Name a process by which water may be lost from plants.
3. Define the term 'digestion'.
4. Which type of movement propels food in the gastro - intestinal tract?
5. Name the chief excretory product of humans.
6. Define the term 'hemodialysis'.
7. Bile juice contains no digestive enzymes, yet it is important for digestion. Why?
8. Man can live without food for a few days but cannot survive without oxygen for even a few minutes. Why?
9. Discuss the significance of hemoglobin in respiration?
10. What is double circulation? Explain it with reference to human heart.
11. Why is there no Mixing of deoxygenated & oxygenated blood in the human heart?
12. What is blood pressure? What is the normal blood pressure of a healthy man?
13. Why photosynthesis is important to us?
14. How nutrition takes place in Amoeba?
15. Stomata of desert plants remain closed during daytime. How do they take - up CO₂ and perform photosynthesis?
16. What is translocation? Why is it essential for plants?
17. Which organ secretes a hormone when the blood sugar rises? Name a digestive enzyme released by this organ.
18. Why does absorption of digested food occur mainly in the small intestine?

Subject- History
NIRANJAN DUBEY SIR 7781031623

1. Name the Founders of the Swaraj party.
2. Why was the Simon commission formed? Who was the president of the commission?
3. When did the Lahore congress formalise the demand of "Purna Swaraj" for India.
4. Mention the event of April; 6, 1930.
5. Who was Abdul Ghaffar Khan?
6. Why was the Simon commission opposed?
7. Which two organizations were formed by the business classes to organize their business interest?
8. Which two industrialists actively participated in the Civil Disobedience Movement?
9. When and by whom were the Dalits organized into the Depressed Classes Association?
10. By whom was the image of Bharat Mata first created?
11. What were the two decisions taken in the Lahore Session of the Indian National Congress 1929?
12. Write the views of Mahatma Gandhi on Satyagraha.
13. Why was the Civil Disobedience Movement relaunched by Gandhiji?

Subject- Political Science
SUBHASH CHANDRA PANDEY SIR 9576265515

- Q.1 What do you mean by Federalism?
- Q.2 Define unitary system.
- Q.3 Write any three differences between Federal form of government and unitary form of government.
- Q.4 Mention any five features which make India a federal country.
- Q.5 What are the dual objectives of federal system?
- Q.6 What are the two aspects of an ideal federal system?
- Q.7 Define Jurisdiction.
- Q.8 Differentiate between 'Coming Together Federation' and 'Holding Together Federation'.

- Q.9 "India is a federal country". Explain it by giving example.
 Q.10 Describe the division of powers between the central and the state government in India.
 Q.11 Write some important subjects which comes under union list and who make rule on it?
 Q.12 Write the important subjects comes under state list and who make rule on it.
 Q.13 What type of subjects comes under concurrent list give example, and who make rule on it?
 Q.14 What do you mean by 'residuary' subjects? Who make rule on it.
 Q.15 In which list of the Indian constitution does education come? Why?

Subject- Geography

GUNA NAND JHA SIR 9431872861

- Q.1 What is biodiversity? Why is it importance for human life?
 Q.2 Define extinct species. mention anyone negative factor that caused fearful depletion of Fauna.
 Q.3 How have human activities affected the depletion of flora and fauna? Explain any three reasons.
 Q.4 Differentiate between extinct and endangered species. Illustrate your answer with suitable examples.
 Q.5 Explain any three causes of depletion of Forests in India.
 Q.6 Write any three measures to conserve ecosystem.
 Q.7 Write a brief note on "Project Tiger".
 Q.8 How many types of forest are classified in India? Explain it.
 Q.9 Describe any three features of "Joint Forest Management".
 Q.10 How have communities conserved and protected forest and wild life in India? Explain.
 Q.11 What is natural vegetation? Name the factors affecting to distribution of natural vegetation.

Subject- Economics

SHASHI SHEKHAR SUMAN SIR 9934228288

Answer the following questions:-

- Q.1 What do you mean by sector?
 Q.2 Write three activities which belong to the primary sector.
 Q.3 In which sector is manufacturing included?
 Q.4 What is Gross Domestic Product?
 Q.5 Railway is an example of which sector?
 Q.6 What do you mean by service sector?
 Q.7 State the meaning of unemployment.
 Q.8 What do you mean by disguised unemployment?
 Q.9 Mention anyone factor responsible for the growth of service sector in the Indian economy.
 Q.10 In which sector are natural products changed into form through ways of manufacturing?
 Q.11 Explain the three sectors of economics activities with the help of examples.
 Q.12 Why is tertiary sector becoming the most important sector in India? Give four reasons.
 Q.13 Give three differences between open unemployment and underemployment.
 Q.14 How are the three sectors of the economy different from each other? Explain.
 Q.15 Write a short note on MNREGA 2005.

Subject- Hindi

CHANDRA NAND JHA SIR 9334006244

(निर्देश :- छात्र को अपना नाम+वर्ग-खण्ड + पंजियन सं०, विषय लिखें।)

1. पदपरिचय से आप क्या समझते हैं?
2. निम्नलिखित वाक्यों के रेखांकित पदों का पद-परिचय दें:-
 - (i) यह लड़की बहुत चालाक है।
 - (ii) सफलता व प्रगति साथ-साथ चलती है।

- (iii) हमलोग कल ताजमहल देखने जायेंगे।
 (iv) मेरा छोटा आई हँस रहा है।
3. (i) रस किसे कहते हैं?
 (ii) रस के कुल कितने भेद होते हैं उनके नाम लिखकर उसके समाने उसके स्थायीभाव लिखें।
 (iii) किस रस को रसराज कहा जाता है?
 (iv) विभाव के दो प्रमुख भेद कौन-कौन हैं? उदारहण सहित परिभाषित करें।
4. 'क्षितिज' पर आधारित प्रश्न—
 (i) बालगोबिन भगत की पुत्रवधू पुनर्विवाह क्यों नहीं करना चाहती थी?
 (ii) भगत ने अपने बेटे की मृत्यु पर अपनी भावनाएँ किस तरह व्यक्त की?
 (iii) खेती-बाड़ी से जुड़े गृहस्थ बालगोबिन भगत अपनी किन चारित्रिक विशेषताओं के कारण साधु कहलाते थे?
 (iv) परशुराम की स्वभावगत विशेषताएँ क्या हैं? राम-लक्ष्मण परशुराम-संवाद पाठ के आधार पर बतावें।
 (v) कवि 'निराला' बादल से फुहार, रिमझिम या बरसने के स्थान पर 'गरजने' के लिए क्यों कहता है?
5. अपनी कॉलानी की गंदगी की ओर ध्यान आकृष्ट कराते हुए अपने क्षेत्र के स्वास्थ्य अधिकारी को एक पत्र लिखिए।

Subject- Sanskrit
CHANDRA NAND JHA SIR 9334006244

- (निर्देश :- नाम, पंजियन सं०, वर्ग-खण्ड, विषय लिखें।)
1. अधोलिखित श्लोक पढ़िवा तदाधरितानां प्रश्नाम् उत्तराणि लिखत—
 व्यायामं पुनतो नित्यं विकद्धमपि भोजनम्।
 विदतधमनिदग्धं वा निर्दोषं परिपच्ते ॥
- I. एकपदेन उत्तरत—
 (i) प्रतिदिनं कः कर्त्तव्यः?
 (ii) सुचारुरूपेण भोजनं पचयितुं कः कर्त्तव्यः?
- II. पूर्णवाक्येन उत्तरत—
 (i) अस्माकं शरीरे व्यायामेन कीदृशं भोजनं परिपच्यते?
- III. भाषिक कार्यम्—
 (i) 'विदग्धम्' इति पदस्य विपर्ययपदं पद्यांशे किम्?
 (क) दग्धम् (ख) अविदग्धम् (ग) भोजनम् (घ) विरुद्धम्
 (ii) 'परिपच्यते' इति क्रियापदस्य कर्तृपदं किम्?
 (क) व्यायामम् (ख) निर्दोषम् (ग) भोजनम् (घ) नित्यम्
 (iii) 'सुपक्वम्' इति पदस्य अत्र पर्यायपदं किम् ?
 (क) विदग्धम् (ख) विरुद्धम् (ग) भोजनम् (घ) अविदग्धम्
 (iv) 'विकद्धमपि भोजनम्' अत्र विशेषणपदं किम्?
 (क) विरुद्धमपि (ख) विरुद्धम् (ग) भोजनम् (घ) अपि
2. अधोलिखित श्लोक कद्वयस्य अन्वयं मञ्जूषातः उचितपखनि चित्वा पूरयत।
 I. शरीरायासजननं कर्म व्यायामसंज्ञितम्।

तत्कृत्वा तु सुखं देहं विमृदनीयात् समन्ततः ।।

अन्वयः शरीर आयासजननम् (i)व्यायामसंज्ञितम्

(ii)तु (iii)सुखं (iv)विमृदनीयात् ।

मञ्जूषा (देहम्, समन्ततः, कर्म, त्यक्त्वा)

II. न चास्ति सदृशं तेन किञ्चित्स्थौल्योपकर्षणम् ।

न च व्यायामिनं मर्त्यमर्दयन्त्यरयौ बलात् ।।

अन्वयः तेन(i)सदृशं (ii)स्थौल्यापकर्षणम् न (iii)

व्यायामिनं च मर्त्यम् अस्यः.....न अर्दयन्ति ।

मञ्जूषा— (बलात्, किञ्चित्, अस्ति, च)

3. निम्नलिखित वाक्येषु रेखांकित पदानां संधि सन्धि विच्छेद ना कुरुत—

(i) अधुना कृषकः ग्रामं गच्छति

(ii) किमर्थम् अत्र देवः+तिष्ठति?

(iii) सदैव पितरौ प्रातर्वन्दनीयौ स्तः ।

(iv) विष्णुः जगन्नाथः कथ्यते ।

(v) अहं स्वमातुः स्निग्ध+छायाम् इच्छामि ।

4. अयंसंवादः उचितैः अव्ययपदैः पूरणीयः ।

मञ्जूषा— (किमर्थम्, सम्प्रति, वहिः, इति, कदापि, मा)

मोहनः — राम! त्वं गृहात् (i)गच्छ ।

रामः अहं त्वां गुरु (ii)मन्ये ।

मोहनः त्वं (iii)एतत् कथयसि?

रामः (iv)रात्रिः अस्ति । अन्धकारे बहिः

(v)गन्तव्यम् ।

मोहनः अहं (vi)न त्रस्यामि अतः त्वया सह गमिष्यामि ।

5. अधः दत्तं समयं संस्कृते रिक्तस्थानेषु लिखत—

(i) 7:45 — (.....वदाने

(ii) 3:45 — (.....वदाने

(iii) 4:30 — (.....वदाने

(iv) 2:15 — (.....वदाने

(v) 3:00 — (.....वदाने

6. निम्नलिखित वाक्येषु रेखांकित पदानि संशोध्य पुनः लिखत—

(i) त्वाम् पितुः नाम किम् अस्ति ?

(ii) छात्राः पठनेन विद्यालयं गच्छन्ति ।

(iii) पुस्तकालये अनेकानि पुस्तकाः सन्ति ।

(iv) राधा श्वः गृहं अगच्छत् ।

(v) सः मम माता अस्ति ।

Students are instructed to complete the assignment-4(Summer Vacation) carefully and submit it till 5th July,2020 on the Whatsapp no. of your respective subject teachers. It is compulsory to attempt all questions.

In case of any doubt, you can call the concerned subject teacher on the provided contact number. The marks obtained will be counted in your Internal Assessment. For any problem related to school app or downloading of assignment please contact: - 9470283176