1.अनुच्छेद लेखन

1. **मेरे सपनों का भारत**

   संकेत बिंदु- * भारत के बारे में मेरा विचार

   * साम्प्रदायिकता आदि से प्रयुक्त उन्नत भारत की चाह

   * सुखी समृद्ध भारत |

2. **आलस्य मनुष्य का सबसे बड़ा शत्रु**

   संकेत बिंदु- * आलस्य के नुकसान

   * सफलता पाने के लिए आलस्य को त्यागना आवश्यक

3. **वर्तमान समय में नारी की स्थिति**

   संकेत बिंदु- * नारी शक्ति का महत्व

   * वर्तमान समय में नारियों की समस्या- कारण एवं समाधान

2.पत्र लेखन-
औपचारिक पत्र
आप दीप्ती/दीप है, किसी दैनिक समाचार पत्र के संपादक को पत्र लिखकर नियमित स्कूल व्यवस्था पर लगभग 100 शब्दों में अपनी प्रशंसा अभिव्यक्त कीजिए |

शिकायती पत्र
आपके मोहल्ले में आए दिन चोरियाँ हो रही है उनकी रोकथाम के लिए थाना अध्यक्ष को गस्त **बढाने** हेतु पत्र लिखिए |

संपादकीय पत्र
स्वरचित कविता प्रकाशित करवाने के लिए अनुरोध करते हुए किसी समाचार पत्र के संपादक को लगभग 80-100 शब्दों में पत्र लिखिए |

व्यावसायिक पत्र
1.आपने एक ऑनलाइन शॉपिंग कंपनी के माध्यम से कुछ सामान ख़रीदा लेकिन तय राशि के भुगतान के बाद भी आपको अपना सामान नहीं मिला | कंपनी प्रबंधक से इसकी शिकायत हेतु पत्र लिखिए |
2. किसी महत्वपूर्ण पत्र के प्राप्त न होने की शिकायत करते हुए अपने क्षेत्र के पोस्ट मास्टर को पत्र लिखिए |

अनौपचारिक पत्र
1. आपका छोटा भाई अनुराम परीक्षा में नकल करता पकड़ा गया, जिसके लिए उसे दण्डित किया गया | उसे समझाते हुए लगभग 100 शब्दों में पत्र लिखिए |
2. पटाखों से होने वाले प्रदूषण के प्रति ध्यान आकर्षित करते हुए अपने मित्र को पत्र लिखिए |

3.पठित पुस्तक (क्षितिज –II)
पाठ 1, 2, 7 से 15-15 प्रश्न-उत्तर बनाए |

SUBJECT-ENGLISH

Q.1 Give a character sketch of the Postmaster in your own words. Don't you think that he should have deserved a better recognition and appreciation of his act of charity?

Q.2 Write two poetic devices from both the poems "Fire and Ice" and "Dust of Snow" with examples.

Q.3 You are Jasveen / Jasbir, you recently visited a significant historical site. You were astounded to discover it in such a condition of disrepair. Write a letter to the editor of a major newspaper noting the terrible condition of significant archaeological and historical sites. Highlight the lack of vital services, the poor condition of upkeep, and people's abuse of it. Make suggestions about how to improve the issue.

Q.4 The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction in your notebook.

Madhubani Painting is one in the many traditional (a) [Error: _____; Correction: _____;] Indian art forms. It is but known as Mithila or Godhna (b) [Error: _____; Correction: _____;] Paintings. This art developed by Mithila or Madhubani district (c) [Error: _____; Correction: _____;] of Bihar or then spread to villages around Madhubani (d) [Error: _____; Correction: _____;].

Q.5 Read the following sentences and change them into reported speech.

i) Mimi said, "I have been writing this letter."

ii) The teacher said, "The French Revolution took place in 1789."

iii) Uma said, "I saw a Royal Bengal Tiger in the zoo."

iv) Luke said, "I can do this homework."

v) Aswini said to her mother, "I have passed the test".

विषय - संस्कृतम्

– पाठ्यपुस्तक-भाग 2

पाठ-1 शुचिपर्यावरणम्

- पाठ मे दिय गय श्लोकों के अर्थ और अन्वय याद करें।
- पाठ में दिय गय प्रश्न तथा उत्तर लिख कर याद करें।

पाठ-2 बुद्धिर्बलवती सदा

- पाठ में दिय गय प्रश्न तथा उत्तर लिख कर याद करें।

'शेमुशी' संस्कृत व्याकरण

संधि

- व्यंजन संधि प्रथम वर्ण का तृतीया वर्ण में परिवर्तन तथा प्रथम का पंचम वर्ण में परिवर्तन तथा विसर्ग संधि की परिभासा और उदाहरण लिख कर याद करें।

पञ्चसु संस्कृत वाक्येषु मञ्जूषा पद सहायतया अधोलिखितं चित्रवर्णनं कुरुत

1.मञ्जूषा-

- उदयाने, हरिततिराणी, नलयंत्रय, पिपास्मति, बालिका, पतति, जलम, बालिकायाः, अस्त-व्यस्तः, केशाः, एकेन्, तिष्न्ति, हसते, पिब्ती, एतेन, ग्टहनानी, हस्तयोः,

2. मञ्जूषा-

- विद्यालयः, प्रधानाचार्य अध्यापिका, छात्राः, ध्वनी वर्धक, प्राथनासभा, सुंदरम, भवनम, शिक्षीका, प्रार्थनां, एकः बालः, प्रातःकालः, पुर्वन्ति, उत्थिता।

3.मञ्जूषा-

- उदानस्य, केचन, क्रिंठन्ति उदयाने, वृक्षा भ्रमनम, मालाकारः, वृक्षाण, पुष्पानि, बालकाः

SUBJECT-MATHS

1.Find the HCF of (i) 120, 144 and 204 (ii) 106 , 159, and 265 by prime factorisation method.

2. Find the smallest number which when divided by 25, 40, and 60 leaves remainder 7 in each case.

3.In a morning walk, three persons step off together. Their steps measures 80cm, 85cm and 90cm respectively. What is the minimum distance each should walk so that they cover the distance in complete steps.

4.Prove that $\sqrt{5}$ is not a rational number.

5.Find the zeroes of the quadratic polynomial $2x^2 +2x -12$ and verify the relationship between the zeroes and the coefficients.

6.Find a quadratic polynomial each with the given numbers as the sum and product of its zeroes, respectively.

(i) 1 ,1   (ii) -4 ,4   (iii) 3/2, 4/3

7.If the zeroes of the quadratic polynomial x2- px +q, in the ratio 2:3, prove that $6p^2= 25q$.

8.prove that $2+3\sqrt{5}$ is an irrational number.

9.Explain why (i)7x11x13 +13 and 7x6x5x4x3x1+5 are composite numbers.

10.There is a circular path around a sports field. Sonia takes 18 minutes to drive one round of the field, while Ravi takes 12 minutes for the same. Suppose they both start at the same point and at the same time, and go in the same direction. After how many minutes will they meet again at the starting point?

SUBJECT-PHYSICS

1.) A ray of light strikes a plane mirror such that its angle of incidence is 30°. What angle does the reflected ray make with the mirror surface?

2.) Draw the ray diagram to obtain the image through a plane mirror and state the properties of image formed. What is focal length of plane mirror .Explain LATERAL INVERTION.

3.) Draw the ray diagram for image formation through spherical mirrors (CONCAVE & CONVEX) for different positions of object in front of mirror and state their properties.

4.)   a) A boy with a mouth 5 cm wide stands 2 m away from a plane mirror. Where is his image and how wide is the image of his mouth?

b) The boy walks towards the mirror at a speed of 1 m/s. At what speed does his image approach him ?

5.) a) Explain why, though both a plane mirror and a sheet of paper reflect light but we can see the image of our face in a plane mirror but not in a sheet of paper.

(b) The image in a plane mirror is virtual and laterally inverted. What does this statement mean ?

(c) Write all the capital letters of the alphabet which look the same in a plane mirror.

SUBJECT-CHEMISTRY

1).Write and learn all the in text questions given in NCERT, Ch-1, Page no. 6,10 & 13 and the questions given at the back of the chapter on Page no. 14,15 & 16.

2). Practice minimum 50 equations of balancing from NCERT & Other books.

SUBJECT-BIOLOGY

Very Short Answer Questions (1 mark each)

1. What do you mean by the term malnutrition?

2. Mention the function of epiglottis.

3. Write the names of major parts of stomach.

4. Name the enzyme that digests fats.

5. Define digestion.

Short Answer Questions-II (2 marks each)

6. Name three enzymes secreted by pancreas.

7. Name three parts of small and large intestine.

8. In which part of the digestive system, the absorption of following substances takes place ?

(a) Glucose, fructose and fatty acids

(c) Water, some minerals and drugs

(d) Simple sugar and alcohol

Short Answer Questions-I (3 marks each)

9. Discuss the main steps in the digestion of protein as the food passes through the alimentary canal in human beings.

10. Describe the process of digestion of carbohydrates in human alimentary canal.

11. Describe the process of digestion of nucleic acids .

Long Answer Questions (5 marks each)

12. Draw a labelled figure of digestive system of human.

History Holiday Homework

Class X

A) Make a project on popular Monument/Heritage sites of Jharkhand. Collect pictures and proper information about them. Use chart papers.

B) Answer these questions :

1) 'The Industrial Revolution had a mixed impact'. Explain.

2) Throw light on production during the proto- industrialization phase in Europe in the 17th and 18th centuries with an example.

3) Describe any five measures introduced by the French Revolutionaries to create a sense of collective identity amongst the French people.

4) Explain any three features of the 'Nation-State' that emerged in Europe in the twentieth century.

Subject Geography

Class-X

1. What are resources? Give examples.
2. Mention main characteristics of resources.
3. What is resource planning?
4. Explain different stages of resource planning.
5. Discuss the land use pattern in India.

Holiday Homework Civics

Class-X

1. Answer these questions:
a. What do you mean by Power sharing?
b. What do you mean by checks and balances?
c. Define coalition government.

d. What is the ethnic composition of Belgium?

e. Mention the three causes for the civil war in Sri Lanka.

Holiday Homework Economics

Class X

1) What do you mean by development?

2) Development goals for different people are different. Justify with your example.

3) Development goals of different people may be conflicting , explain it with an example.

4) What may be other goals of a person in addition to income?

5) Make a project on Sustainable Development

I.T [402] HOLIDAY ASSIGNMENT

Q1   Define Communication? Explain different types of Communication?

Q2   What are Barriers in effective Communication? Discuss different types of barriers in communication?

Q3   What are the Principles of effective communication?

Q4   Explain 7 C's of Communication?

Q5   Define different parts of speech briefly?