CLASS X HHW (DIPAWALI & CHATT)

English

Complete the Literature notebook with all exercises and questions completed with index duly maintained till all the chapters taught last in the class. Submit for review under Internal Assessment.

Hindi

निम्नलिखित विषयों पर संकेत बिंदु के आधार पर लगभग 120 शब्दों में **अनुच्छेद** लिखिए

क)GEN-Z आधुनिक युग की नई पीढ़ी

#GEN-Z का आशय और विशेषताएं

तकनीक और डिजिटल दुनिया का प्रभाव

#समाज और भविष्य में भूमिका

ख)दैनिक जीवन में कृत्रिम बुद्धिमत्ता

#कृत्रिम बुद्धिमत्ता का अर्थ #सुविधा और समय की बचत #निजता को खतरा

ग)एक यादगार पारिवारिक अवकाश

#कैसे मनाया?

#यादगार क्यों है?

#पारिवारिक अवकाश का महत्व

संदेश लेखन

क)आपका घनिष्ठ मित्र का चयन राष्ट्रीय विज्ञान प्रदर्शनी के लिए हुआ है उसकी इस शानदार सफलता पर लगभग 40 शब्दों में उसे बधाई संदेश लिखिए।

ख) अपने मित्र को नव वर्ष की हार्दिक शुभकामनाएं देते हुए लगभग 40 शब्दों में एक बंदे बधाई संदेश लिखिए

ग) **परियोजना कार्य -2**

वाक्य की परिभाषा भेद और उदाहरण सचित्र a4 साइज पेपर पर आकर्षक सृजनात्मक और रंगदार चित्रों के साथ।

संस्कृतम्

1. सन्धि विच्छेदं कुरुत-(यद्यपि पित्रादेश: नयति मुनये विष्णवे गायति नाववतु तावत्र)
2. समस्तपदानां विग्रहं कुरुत-

(विद्याहीनः दैवरक्षितः वृक्षपतितः पथभ्रष्टः तपोधनम् विद्यालयः आतपशुष्कः जलमग्नः पाठकः जलदः)

3. प्रकृति प्रत्ययं विभागं कुरुत-(कनिष्ठा कोकिला गायिका तरुणी श्रीमती विद्यावती श्रीमान् गुणवान् गुणिनी धनी)

4. वाच्य परिवर्तनम् कृत्वा लिखत-

क) सः माम् पश्यति ।

ख) वयम् त्वाम् पश्यामः ।

ग) यूयम् पाठं पठथ ।

घ) बालकः वृक्षान् गणयति ।

ङ) त्वम् पुष्पाणि चिनोषि ।

MATHS

1.Solve for x: $2\ (2x+3)/(x-3) - 25\ (x-3)/(2x+3) = 5$

2.If θ is an acute angle & $3 \sin \theta = 4 \cos \theta$ then find the value of $4 \sin \theta - 3 \cos^2 \theta + 2$

3.If α & β are the zeroes of the quadratic polynomial $p(x) = 3x^2 + 7x - 11$, then evaluate $\alpha^2 \beta + \beta^2 \alpha$

4.The angle of elevation of the top of a building from the foot of the tower is 30° & the angle of elevation of the top of the tower from the foot of the building is 45°. If the tower is 35 m high then find the height of the building.

5.The sum of the third & seventh terms of an A.P. is 6 & their product is 8. Find the sum of first sixteen terms of the A.P.

6.A chord of a circle of radius 35 cm subtends a right angle at the centre. Find the area of minor segment.

7.From a solid cylinder whose height is 12 cm & diameter is 10 cm, a conical cavity of same height & same diameter is hollowed out. Find the volume & TSA of the remaining solid.

8.If (-3,2), (1,-2) & (5,6) are the mid points of the sides of a triangle, then find the coordinates of the vertices of the triangle.

SCIENCE, CHEMISTRY

1. State two properties of carbon that lead to the huge number of carbon compounds.
2. Define homologous series. Write any two of its characteristics. Name the next higher homologue of C2H5OH.
3. Explain why:

1. Detergents are better than soaps in hard water.
2. Graphite is a good conductor of electricity.
3. Acetylene (ethyne) burns with a sooty flame.
4. Why do covalent compounds have low melting and boiling points and act as poor conductors of electricity?
5. Describe a chemical test to distinguish between a saturated hydrocarbon and an unsaturated hydrocarbon.
6. Define catenation. Why does carbon show catenation to a maximum extent? 7.Write the electron dot structure of CH4, HCL, CO2, C2H6,and CCl4

PHYSICS

1.Define resistivity. Write its S.I unit.
2.A wire is stretched to double its length. Find the new resistance.
3.A wire is double on itself.Find the new resistance. 4.state Ohm's law. Derive a mathematical expression. 5.the factors on which resistance depends.
6. Derive a mathematical expression for the equivalent resistance of the resistors connected in series.
7. Derive a mathematical expression for the equivalent resistance of the resistors connected in parallel.
8. State Joule's law of heating effect. Name two devices which work on heating effects of current.
9. Why do we prefer pallel connection in domestic circuits ?
10. Why are the heating elements like toasters and electric irons are made up of Nichrome?

Biology

Q1. Back exercise of chapter How Do Organisms Reproduce (Only of Reproductve System of Human Being).
Q2. How Mendel's experiment show
A) Law of dominance
B) Law of independent assortment.

Social Science

History

- Write and learn the notes of the Chapter Print Culture and the Modern World.

Political Science

- Learn the notes of the Chapter Outcomes of Democracy

Geography

- Learn about the important features and distribution of Cotton textile and jute textile industries under the Agro- based Industries.
- On a Political Map of India name and shed the important center of Cotton textile and Jute textile industries.

COMPUTER

1. Prepare practical files in all respects.
2. Prepare the notes all Completed Chapters in all respects and also solve sample paper. After opening the school submit all assignments for a check.