



तत् त्वं पूषन् अपावृणु
केन्द्रीय विद्यालय संगठन

PM SHRI KENDRIYA VIDYALAYA NO.2
DELHI CANTT, FIRST SHIFT
AUTUMN BREAK HOLIDAY HOMEWORK
SESSION 2026-27



CLASS – VI

SANSKRIT

1. संस्कृत में 10 पुष्पों के नाम लिखिए।
2. संस्कृत में 10 पशुओं के नाम लिखिए।
3. संस्कृत में 10 पक्षियों के नाम लिखिए।
4. संस्कृत में घर में उपयोग की जाने वाली 10 वस्तुओं के नाम लिखिए।
5. शब्दरूपाणि - निम्नलिखित शब्दों के शब्दरूप लिखिए और याद कीजिए - बालक, लता, फल
6. धातुरूपाणि - निम्नलिखित धातुओं के लट् लकार में रूप लिखिए और याद कीजिए —
पठ्, गम्, लिख्, खाद्, क्रीड्
7. श्लोकलेखनम् - पाठ 9, यः जानाति सः पण्डितः के पाँच संस्कृत श्लोक हिन्दी अर्थ सहित लिखिए।
8. 1 से 100 तक गिनती संस्कृत में लिखिए और याद कीजिए□

7. परियोजना कार्यम् (MDP) – Term 2

प्रश्न – 1. विषयः – 'योगस्य महत्त्वम्' योग के महत्त्व पर संस्कृत में 10 सरल वाक्य लिखिए तथा योग करते हुए बच्चों के चित्र चिपकाइए।

प्रश्न 2. संस्कृत में 10 सब्जियों के चित्र के साथ नाम लिखिए।

प्रश्न 3. संस्कृत में 10 फलों के चित्र के साथ नाम लिखिए□

निर्देशाः

समस्त कार्य स्वच्छ एवं सुन्दर लिखावट में करें।

गृहकार्य संस्कृत कॉपी में करें।

परियोजना कार्य रंगीन चित्रों एवं आकर्षक सजावट के साथ तैयार करें।

विद्यालय खुलने पर गृहकार्य अनिवार्य रूप से जमा करें।

HINDI

हिंदी – कक्षा 6

विद्यार्थी का नाम: _____

कक्षा/अनुभाग: _____

दिन 1 – सुलेख लेखन

1. हिंदी की पाठ्यपुस्तक से कोई एक अनुच्छेद सुंदर लेख में लिखिए।
2. प्रतिदिन 10 मिनट हिंदी पठन का अभ्यास कीजिए।

दिन 2 – पाठ्यपुस्तक

1. 'मातृभूमि' कविता का सस्वर वाचन कीजिए।
2. कविता का केंद्रीय भाव 5-6 वाक्यों में लिखिए।

दिन 3 – व्याकरण

संज्ञा, सर्वनाम और विशेषण की परिभाषा लिखिए तथा प्रत्येक के पाँच-पाँच उदाहरण दीजिए।

दिन 4 – शब्द भंडार

1. दस विलोम शब्द लिखिए।
2. दस पर्यायवाची शब्द लिखिए।

दिन 5 – रहीम के दोहे

1. कोई दो दोहे सुंदर लिखावट में लिखिए।
2. दोनों दोहों का अर्थ अपने शब्दों में लिखिए।

दिन 6 – अनुच्छेद लेखन

निम्नलिखित में से किसी एक विषय पर 100-120 शब्दों का अनुच्छेद लिखिए:

- * मेरा प्रिय त्योहार
- * स्वच्छता का महत्व
- * मेरा विद्यालय

दिन 7 – पत्र लेखन

अपने मित्र को दशहरे की छुट्टियों साथ बिताने के लिए आमंत्रित करते हुए एक अनौपचारिक पत्र लिखिए।

दिन 8 – रचनात्मक लेखन

'ईमानदारी का फल' शीर्षक से 100 शब्दों की एक मौलिक कहानी लिखिए और अंत में उसकी सीख भी लिखिए।

दिन 9 – परियोजना कार्य

'पेड़ लगाओ, पर्यावरण बचाओ' विषय पर एक आकर्षक पोस्टर बनाइए। पोस्टर में एक नारा और चित्र अवश्य शामिल करें।

दिन 10 – पुनरावृत्ति

1. अब तक पढ़ाए गए पाठों के प्रश्न-उत्तर दोहराइए।
2. पाँच संज्ञा, पाँच सर्वनाम और पाँच विशेषण पहचानकर लिखिए।
3. अपने गृहकार्य की वर्तनी एवं लिखावट जाँचिए।

आवश्यक निर्देश

- * सभी कार्य हिंदी की कॉपी में साफ-सुथरी लिखावट में करें।
- * परियोजना कार्य में रंगों और चित्रों का उचित प्रयोग करें।
- * गृहकार्य स्वयं करें और निर्धारित समय पर जमा करें।
- * प्रतिदिन कम-से-कम 15 मिनट हिंदी की पुस्तक पढ़ें।

शिक्षक के हस्ताक्षर: _____

अभिभावक के हस्ताक्षर: _____

ENGLISH

PM SHRI KENDRIYA VIDYALAYA NO. 2 DELHI CANTT. (SHIFT I) AUTUMN BREAK HOLIDAY HOMEWORK

CLASS: VI

ENGLISH

SESSION: 2026-27

Activity I: Complete the following table with the correct structure, usage, and two example sentences for each type of past tense.

Type of Tense	Structure	Usage	Two Sentences
Simple Past Tense			1. _____ 2. _____
Past Continuous Tense			1. _____ 2. _____
Past Perfect Tense			1. _____ 2. _____
Past Perfect Continuous Tense			1. _____ 2. _____

Activity II: Underline the verbs in each sentence. Each sentence contains an earlier past action (old action) and a later past action (new action).

1. The train had left before we reached the station.
2. Riya had finished her homework before her mother arrived.
3. The teacher had entered the classroom when the bell rang.
4. The children had eaten their lunch before they went out to play.
5. Rahul had packed his bag before he went to school.
6. The match had started before we reached the playground.

Activity III: Arrange the underlined verbs from above in the table below according to the order in which the actions happened.

S. No.	Earlier Past Action (Old Action)	Later Past Action (New Action)
1.		
2.		
3.		
4.		
5.		_____
6.		

Activity IV: Now write a short paragraph on 'Importance of Sports and Games.'

Activity V: Read all the three chapters of Unit 4: Sports And Wellness and learn all the new words.

NOTE: Do All The Work In English Notebook Only.

SCIENCE

SCIENCE

1. Make an MDP on the topic YOGA .Draw and write about any 5 yoga posture and their benefits. (Do not paste pictures)
2. Write the learners diary for all the completed chapters.
3. Solve the Half yearly question paper in HW notebook.
4. Write about the nutrition values (like Carbohydrates, fats, proteins, vitamins and minerals) found in any one healthy dish of your choice also draw the diagram. (On an A4 sheet)

MATHS

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1. Complete your MDP
2. Learn and write squares upto 30
3. Learn and write cubes upto 10

Worksheet

1. The side of a square is 5 cm. If its side is doubled, then its new perimeter is
(a) 40 cm (b) 36 cm (c) 60 cm d) 24 cm
2. Which figure has a larger perimeter?
a) A square of side 5 cm
b) A rectangle of 6 cm length and 4 cm breadth
c) Both are equal
d) Cannot be determined
3. The perimeter of a regular pentagon is 25 cm. What is the length of one side?
a) 6 cm b) 3cm c) 5 cm d) 4cm
4. Perimeter of a square of side 9 cm is....
a) 81cm b) 36cm c) 26 cm d) 18cm
5. A wire of length 48 cm is bent to form a regular hexagon. What will be the length of each side?
a. 6 cm b. 7 cm c. 8 cm d. 9 cm
6. A piece of string is 40 cm long. What will be the length of each side if the string is used to form a square?
7. Find the width of a rectangle whose length is 12 cm and perimeter is 30 cm..
8. Find the perimeter of equilateral triangle whose one side is 13 cm.

9. A local community wants to fence a rectangular public park that is 150 m long and 120 m wide. The contractor for the project charges ₹40 per meter for the fencing material and labour. To budget for the project, the community leaders must first calculate the perimeter of the park.
- What are the dimensions of the rectangular park?
 - Calculate the perimeter of the public park.
 - What is the rate charged per meter for fencing?
 - What is the total cost required to fence the entire park?
10. Find perimeter of square whose side is 5cm

S.Science

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PM SHRI KENDRIYA VIDYALAYA NO. 2, DELHI CANTT.
AUTUMN BREAK HOMEWORK – SESSION 2026-27
CLASS VI | SOCIAL SCIENCE

A. MODEL MAKING
 Make a model of a globe and show the distribution of all seven continents and five oceans. Label them clearly. Use safe, easily available materials.

B. MAP WORK
 1. On a world map, identify and label all seven continents and five oceans.
 2. On an outline political map of India, label all 28 states.
 3. On a world map, locate and label any 10 major countries: India, China, Japan, Russia, Australia, Egypt, Kenya, Brazil, the United States of America and the United Kingdom.

C. WRITTEN WORK
 1. Write the names of all seven continents.
 2. Write the names of all five oceans.
 3. Write 3-4 facts about any three continents.
 4. Write 3-4 facts about any three oceans.

D. MDP – MULTIDISCIPLINARY PROJECT
Title: Our Amazing Planet: Continents, Oceans and Countries.
 Make a small illustrated project file/poster integrating the following:

1. Social Science • World map with continents, oceans and 10 countries. 	2. Science • Why oceans are important for life. • Two ways to protect them. 	3. Mathematics • Table: count of continents, oceans and selected countries. • Bar graph: compare the number of countries selected from each continent. 	4. English / Hindi • Short paragraph or poem about protecting Earth. 	5. Art • Colourful globe or map illustration. 
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Also include:
 • Cover page • Index • Conclusion • Sources (books / websites / other reliable sources).

E. GENERAL INSTRUCTIONS
 ✓ Use neat handwriting.
 ✓ Use headings and suitable colours.
 ✓ Label maps clearly.
 ✓ Complete work independently.
 ✓ Present it neatly.
 ✓ Submit on the first working day after the Autumn Break.

Good Work and Happy Learning!

Subject Teacher – Social Science

Digital Literacy

AI Poster Making (Creative): Draw a colorful A4 poster titled “AI in Daily Life”. Illustrate at least 4 smart applications you or your family use (e.g., voice assistants like Alexa, YouTube recommendations, smart filters, or Google Maps).

CLASS – VII

SANSKRIT

1. संस्कृत में 10 फलों के नाम लिखिए।
2. संस्कृत में 10 पुष्पों के नाम लिखिए।
3. संस्कृत में 10 पशुओं के नाम लिखिए।
4. संस्कृत में 10 पक्षियों के नाम लिखिए।
5. संस्कृत में 10 सब्जियों के नाम लिखिए।
6. शब्दरूपाणि - निम्नलिखित शब्दों के शब्दरूप लिखिए—
बालक, राम, लता, फल, मुनि
7. धातुरूपाणि - निम्नलिखित धातुओं के लट् लकार में रूप लिखिए—
पठ्, गम्, लिख्, खाद्, क्रीड्
8. चित्रवर्णनम् - किसी एक विषय का चित्र बनाकर संस्कृत में पाँच वाक्य लिखिए—
उद्यानम्, विद्यालयः, ग्रामः, पर्यावरणम्
9. 1 से 100 तक गिनती संस्कृत में लिखिए और याद कीजिए।
10. पाठ 8, 'हितम् मनोहारि च दुर्लभं वचः' की 10 सूक्तियों को हिन्दी अर्थ सहित लिखिए।
11. परियोजना कार्यम् (MDP)

निर्देशाः

समस्त कार्य स्वच्छ एवं सुन्दर लिखावट में करें।

गृहकार्य एक अलग कॉपी में करें।

परियोजना कार्य रंगीन चित्रों एवं आकर्षक सजावट के साथ तैयार करें।

विद्यालय खुलने पर गृहकार्य अनिवार्य रूप से जमा करें।

HINDI

प्रिय विद्यार्थियों,
शरदकालीन अवकाश में निम्नलिखित कार्य सुंदर एवं साफ-सुथरी लिखावट में अपनी हिंदी की कॉपी में पूरा कीजिए।

दिन 1: पाठ्यपुस्तक

1. हिंदी पाठ्यपुस्तक 'मल्हार' में पढ़ाए गए किसी एक पाठ का सारांश लिखिए।
2. उस पाठ से 10 कठिन शब्द चुनकर उनके अर्थ लिखिए।

दिन 2: कविता

1. पाठ्यपुस्तक में पढ़ी गई किसी एक कविता का भावार्थ लिखिए।
2. कविता की 10 पंक्तियाँ याद कीजिए।

दिन 3: व्याकरण – संज्ञा एवं सर्वनाम

1. संज्ञा की परिभाषा एवं उसके भेद उदाहरण सहित लिखिए।
2. सर्वनाम की परिभाषा लिखकर उसके 10 उदाहरण दीजिए।

दिन 4: व्याकरण – विशेषण

1. विशेषण की परिभाषा एवं उसके भेद लिखिए।
2. विशेषण के 10 उदाहरण वाक्यों में प्रयोग कीजिए।

दिन 5: पर्यायवाची एवं विलोम शब्द

1. 10 पर्यायवाची शब्द लिखिए।
2. 10 विलोम शब्द लिखिए।

दिन 6: मुहावरे

1. 10 मुहावरे उनके अर्थ सहित लिखिए।
2. प्रत्येक मुहावरे का एक-एक वाक्य बनाइए।

दिन 7: अनुच्छेद लेखन

निम्नलिखित में से किसी एक विषय पर 120–150 शब्दों में अनुच्छेद लिखिए।

- * स्वच्छ भारत, स्वस्थ भारत
- * मेरा प्रिय त्योहार
- * पर्यावरण संरक्षण

दिन 8: पत्र लेखन

अपने मित्र को शरदकालीन अवकाश साथ बिताने के लिए आमंत्रित करते हुए एक अनौपचारिक पत्र लिखिए।

दिन 9: रचनात्मक लेखन

1. 'यदि मैं विद्यालय का प्रधानाचार्य होता/होती' विषय पर 100–120 शब्दों में अनुच्छेद लिखिए।
2. हिंदी में एक सुंदर पोस्टर बनाइए – ***जल बचाओ, जीवन बचाओ।***

दिन 10: पठन एवं पुनरावृत्ति

1. प्रतिदिन कम-से-कम 15 मिनट हिंदी की पाठ्यपुस्तक या बाल पत्रिका पढ़िए।
2. पढ़े गए किसी एक रोचक प्रसंग को 80–100 शब्दों में लिखिए।
3. अवकाश में कराए गए सभी कार्यों की पुनरावृत्ति कीजिए।

आवश्यक निर्देश

1. सभी कार्य हिंदी की कॉपी में साफ-सुथरी लिखावट में करें।
2. जहाँ आवश्यक हो, चित्रों एवं रंगों का प्रयोग करें।
3. सभी कार्य निर्धारित समय में पूर्ण करें।
4. अवकाश के बाद गृहकार्य जाँचा जाएगा।
5. प्रतिदिन कम-से-कम 10 मिनट हिंदी पठन एवं लेखन का अभ्यास करें।

ENGLISH



ENGLISH

1. Why are rivers called the lifeline of civilization?
2. Write five causes of river pollution.
3. Suggest three ways to conserve rivers.
4. Write a short paragraph on "Save Rivers, Save Life".
5. ★ Make a poster/slogan on "Save Rivers, Save Future." (Art Integrated)



MATHS

<https://docs.google.com/document/d/1TgdvoAxoNjIF2LEie5K52VkePXcfutnx/edit?usp=sharing&oid=112667634160269070072&rtpof=true&sd=true>

Q1. Two figures that have exactly the same shape and the same size are called

- (a) similar figures
- (b) congruent figures
- (c) symmetric figures
- (d) parallel figures

Q2. In the SSS condition for congruence, the three letters stand for

- (a) three angles of the triangle
- (b) two sides and one angle
- (c) three sides of the triangle
- (d) one side and two angles

Q3. In a right-angled triangle, the side opposite to the right angle is called the

- (a) base (b) altitude (c) median (d) hypotenuse

Q4. Each angle of an equilateral triangle measures

- (a) 60° (b) 45° (c) 90° (d) 30°

Q5. Which of the following does NOT guarantee that two triangles are congruent?

- (a) SSA (b) ASA (c) RHS (d) SAS

Q6. Read the two statements given below.

Statement I: Two congruent figures fit exactly over each other when one is placed on the other.

Statement II: While checking congruence, a figure may be turned around or flipped over before it is placed on the other figure.

- (a) Only Statement I is true (b) Only Statement II is true
(c) Both the statements are true (d) Neither statement is true

Q7. Read the Assertion and the Reason given below.

Assertion (A): Each angle of an equilateral triangle is 60° .

Reason (R): In a triangle, angles opposite to equal sides are equal, and the three angles of a triangle add up to 180° .

- (a) Both A and R are true, and R is the correct explanation of A.
(b) Both A and R are true, but R is not the correct explanation of A.
(c) A is true but R is false.
(d) A is false but R is true.

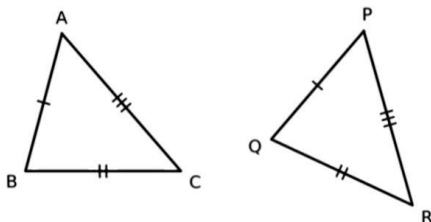
Q8. To draw a rectangle congruent to a given rectangle, the measurements you must take are

- (a) its length and its breadth (b) only its length
(c) only its perimeter (d) only the length of one diagonal

Q9. If $\triangle ABC \cong \triangle PQR$, then the side whose length is equal to BC is

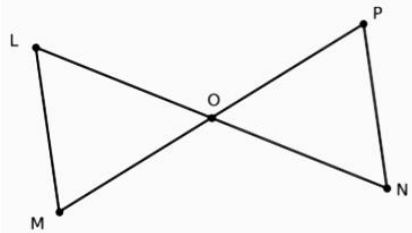
- (a) PQ (b) PR (c) QR (d) RP

Q10. In the figure below, the marks show which sides of the two triangles are equal.



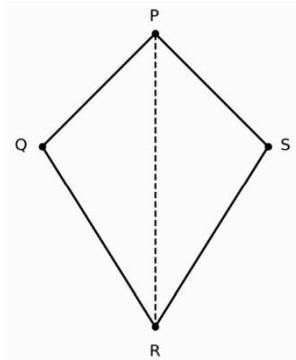
The condition that establishes the congruence of the two triangles is (a) ASA (b) SSS (c) RHS (d) AAS

Q 11. In the figure, O is the midpoint of both LN and MP .



Show that $\triangle LOM \cong \triangle NOP$ and hence write a pair of equal sides of the figure.

Q12. In the figure, $PQ = PS$ and $RQ = RS$, and the diagonal PR is drawn. Show that $\triangle PQR \cong \triangle PSR$ and explain why PR divides $\angle QPS$ into two equal parts.



SCIENCE

Q.1) Project : Models

- a) Make a Simple Water Clock (chapter-8, activity 8.1, page no. 107)
- b) Make a Simple Pendulum (chapter-8, Fig. 8.7, page no. 109)

Q.2) Complete the following Science MDP [multi disciplinary project] for second term.

Instructions for MDP

- Compile all the subjects in a single file. Do not make separate files for each subject.
- The file must begin with an Index page.
- The Index page should include the following columns: S. No., Subject, Page No., Teacher's Remarks, Signature, and Grade/Marks.
- Use pictures, diagrams and articles wherever necessary.
- The work should be neat and clean.
- Do not use plastic files.
- Try to make a handmade file cover.

S.Science

Write these question answers in your Social Science notebook

Q1) Who were the Guptas? Why is the Gupta period sometimes called the 'classical age' in Indian history?

Q2) Write a short note on:-

- a) Āryabhaṭa:
- b) Varāhamihira:
- c) Kālidāsa:

Q3) Who were the Pallavas and where did they rule?

Instructions for Holiday Homework - MDP

- Make the MDP as a part of your holiday homework.
- Compile all the subjects in a single file. Do not make separate files for each subject.
- The file must begin with an Index page.
- The Index page should include the following columns: S. No., Subject, Page No., Teacher's Remarks, Signature, and Grade/Marks.
- Use pictures, diagrams and articles wherever necessary.
- The work should be neat and clean.
- Do not use plastic files.
- Try to make a handmade file cover.

Digital Literacy

Humanoid Robots Scrapbook: Design a mini-scrapbook showcasing famous Humanoid Robots (e.g., *Sophia*, *Atlas*, or *Shalu*). Include their pictures, country of origin, and their roles.

CLASS – VIII

SANSKRIT

पी एम श्री केन्द्रीय विद्यालय क्र. 2 दिल्ली छावनी
शरदावकाश गृहकार्यम्
कक्षा – अष्टमी
विषय: – संस्कृतम् (दीपकम्)

1. संस्कृत में 1 से 50 तक की संख्यावाची शब्द लिखिए।
2. निम्नलिखित शब्दों के शब्दरूप लिखिए – बालक, लता, फल, नदी, अस्मद्, युष्मद्।
3. निम्नलिखित धातुओं के लट् लकार में धातुरूप लिखिए – पठ्, गम्, भू, लिख्।
4. – पठ्, गम्, भू, लिख्।
5. 'मेरी दिनचर्या' विषय पर संस्कृत में दस वाक्य लिखिए।
5. पाठ्यपुस्तक में पढ़ाए गए पाठों से 20 कठिन शब्द चुनकर उनके हिंदी अर्थ लिखिए।
6. MDP

Note :- प्रश्न संख्या 1-5 तक के सभी प्रश्नों को संस्कृत में Notebook में लिखें।

HINDI

दिन 1 – अपठित गद्यांश

निर्देश: सभी विद्यार्थी गृहकार्य साफ-सुथरी लिखावट में हिंदी की कॉपी में करें। प्रत्येक कार्य को ध्यानपूर्वक पूरा करें।

दिन 1 – अपठित गद्यांश

एक अपठित गद्यांश लिखकर पढ़ें और उस पर आधारित पाँच प्रश्नों के उत्तर लिखें।

दिन 2 – अपठित पद्यांश

एक अपठित कविता लिखकर पढ़ें। कविता का केंद्रीय भाव लिखें तथा पाँच प्रश्नों के उत्तर दें।

दिन 3 – व्याकरण: संज्ञा एवं सर्वनाम

1. संज्ञा की परिभाषा एवं भेद उदाहरण सहित लिखिए।
2. सर्वनाम की परिभाषा एवं भेद उदाहरण सहित लिखिए।

दिन 4 – व्याकरण: विशेषण एवं क्रिया-विशेषण

1. विशेषण और क्रिया-विशेषण की परिभाषा लिखिए।
2. दोनों के चार-चार भेद उदाहरण सहित लिखिए।

दिन 5 – पर्यायवाची एवं विलोम शब्द

निम्नलिखित प्रत्येक शब्द के दो-दो पर्यायवाची तथा विलोम लिखिए:

- * सूर्य, पृथ्वी, जल, आकाश
- * उन्नति, स्वतंत्र, आशा, साहस

दिन 6 – मुहावरे एवं लोकोक्तियाँ

1. पाँच मुहावरों के अर्थ लिखकर वाक्यों में प्रयोग कीजिए।
2. पाँच लोकोक्तियाँ अर्थ सहित लिखिए।

दिन 7 – पाठ्यपुस्तक अभ्यास

हिंदी पाठ्यपुस्तक में पढ़ाए गए किसी एक गद्य-पाठ का सारांश लिखिए तथा उसके पाँच महत्वपूर्ण प्रश्न-उत्तर तैयार कीजिए।

दिन 8 – कविता अभ्यास

पढ़ाई गई किसी एक कविता का केंद्रीय भाव लिखिए। कविता से पाँच कठिन शब्द चुनकर उनके अर्थ लिखिए।

दिन 9 – रचनात्मक लेखन

निम्नलिखित में से किसी एक विषय पर 150–200 शब्दों में अनुच्छेद लिखिए:

1. स्वच्छ भारत, स्वस्थ भारत
2. पर्यावरण संरक्षण
3. मोबाइल फोन: लाभ और हानि
4. मेरे सपनों का भारत

इसके अतिरिक्त, अपने मित्र को त्योहार की छुट्टियों में अपने घर आने का निमंत्रण देते हुए एक अनौपचारिक पत्र लिखिए।

दिन 10 – MDP (बहुविषयक परियोजना)सत्र-2 के लिए हिन्दी का एमडीपी तैयार करें।

ENGLISH

- 1) Write a letter to the Editor thereby drawing their concern towards the rash driving trend amongst youngsters causing a threat to many.
Suggest some measures in your formal letter.
- 2) Write a diary entry thereby describing your thoughts emotions and opinions when you happen to meet an old classmate of yours in Regional Sports meet who got transferred from your school.
- 3) Write an article on the topic "Technology is curbing intelligence".
- 4) Write a notice giving all necessary details for the organisation of "Book fair" in your school. Being the associate member of Literary Club.
- 5) A report writing for your school magazine thereby describing important details of the House meeting held at your school
being the associate member of Co-curricular Activities department.

All this has to be done in your English fair notebook only.

MDP to be prepared for TERM 2. Elaborate your topics on each subject. Topic : Health and Yoga.

MATHS

- 1 Learn square and cubes of numbers from 1 to 25.
2. Complete the MDP of 2nd term.
3. Subject Enrichment Activity

To visually demonstrate how fractions appear in different "disguises" and build fluency in converting between fractions, decimals, and percentages.

4. Do these questions in your maths notebook
 - i) The percentage equivalent of one - half is:
(a) 30% (b) 40% (c) 50% (d) 80%
 - ii) 3.25% of 200 is: (a) 25 (b) 50 (c) 75 (d) 100

iii) 0.75 expressed as a percentage is:

- (a) 7.5% (b) 75% (c) 0.75% (d) 750%

iv) Which fraction is equal to 20%?

- (a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{1}{4}$ (d) $\frac{1}{5}$

v) Which one of these is different from other three -

- (a) $\frac{3}{5}$ (b) $\frac{6}{8}$ (c) $\frac{30}{40}$ (d) $\frac{75}{100}$

vi) A shirt marked ₹1000 is sold at a discount of 10%. The discount is:

- (a) ₹50 (b) ₹100 (c) ₹150 (d) ₹200

vii) A fraction with denominator _____ is called Percent.

- (a) 1 (b) 10 (c) 100 (d) 1000

viii) If a quantity increases from 80 to 100, the percentage increase is:

- (a) 20% (b) 25% (c) 30% (d) 40%

ix) Alia has 25 marbles, of which 10 are white. What percentage of her marbles are white?

- (a) 30% (b) 35% (c) 40% (d) 45%

x) A Shirt purchased at Rupees 650 and sold at 900. Then the profit is

- (a) ₹50 (b) ₹150 (c) ₹200 (d) ₹250

5.) A bakery called Cakely is offering a 30% + 20% discount on all cakes. Another bakery called Cakify is offering a 50% discount on all cakes. Would you rather choose Cakely or Cakify if you want the cheaper cost? Ramandeep wants to buy a cake worth ₹ 400. check offers given by both bakeries, and find which deal is better?

SCIENCE

A. Answer the following questions.

1. Write any three characteristics of particles of matter.
2. Why does the smell of perfume spread throughout a room?
3. Explain why sugar dissolves in water without a significant increase in its level.

B. Activity: Diffusion in Water Take a glass of still water and add a drop of food colouring. Observe how the colour spreads without stirring.

1. Draw the activity. Write your observation and conclusion in 3-4

C. Art-Integrated Activity

Prepare a colourful A4-sheet chart on “Classification of Matter” showing:

Elements

Compounds

Mixtures

Include at least three examples of each category with suitable drawings or pictures.

D. Complete your MDP of term 2.

E. Complete your notebook work

General Instructions

1. Complete the written work neatly in your science notebook.
2. Use colours and labelled diagrams wherever required.
3. Perform the activity using simple materials and record your own observations.

Happy Learning! Explore the science hidden in everyday life.

S.Science

Q.1 Locate the states and their capitals on the political map of India.

Q.2 Locate and label the seven continents and five oceans on a world map.

Q.3 Explain the importance of mountains, rivers, and plains in human life.

Q.4 PREPARE “MULTI- DISCIPLINARY PROJECT” FOR TERM -2 TOPIC PLASTIC

Q.5 Write about “ROOF OF THE WORLD - THE TIBETAN PLATEAU”

Digital Literacy

Class 8: The AI Project Cycle & Games

Objective: Understanding how AI systems are planned, built, and tested.

- **AI Project Cycle Flowchart:** Draw a detailed diagram of the **AI Project Cycle** on a chart paper or digital canvas. Explain each of the 5 stages: *Problem Scoping, Data Acquisition, Data Exploration, Modelling, and Evaluation.*

CLASS – IX

SANSKRIT

- 1) शब्दरूपाणि स्त्रीलिंगशब्दाः लता, नदी लिखन्तु ।
- 2) संख्याशब्दाः (1-100, 1-4 पर्यन्तम् त्रिषु लिंगेषु लिखन्तु ।
- 3) अव्ययानि पदानि लिखन्तु।
- 4) चतुर्थः पाठः - नीतिवचनानि (पाठ के श्लोक लिखकर अनुवाद लिखें)

नोट - उपर्युक्त कार्य लिखित्वा कण्ठस्थं कर्तव्यम् ।

(ऊपर दिया गया काम आपको लिखकर याद करना है।)

HINDI

1. पत्र-लेखन: अपने मित्र को शरदकालीन अवकाश साथ बिताने के लिए आमंत्रित करते हुए अनौपचारिक पत्र लिखिए।
2. पाठ – झाँसी की रानी: कविता का केंद्रीय भाव लिखिए।
3. पाठ – रीढ़ की हड्डी: पाठ से मिलने वाली शिक्षा लिखिए।
4. व्याकरण – अर्थ की दृष्टि से वाक्य-भेद: सभी भेदों की परिभाषा एवं उदाहरण लिखिए।
5. संवाद-लेखन: दो मित्रों के बीच परीक्षा की तैयारी पर संवाद लिखिए।
6. सूचना-लेखन: विद्यालय में आयोजित हिंदी कविता-पाठ प्रतियोगिता के लिए एक सूचना लिखिए।

निर्देश: समस्त कार्य हिंदी की कॉपी में साफ़-सुथरी लिखावट में पूर्ण करें।

ENGLISH

Q1. Letter to the Editor:

You are Roshni/Rohan, a resident of H. No. 7/32, Sadhnagar, Palam, New Delhi. Write a letter to the editor highlighting the problems caused by stray animals and damaged streetlights in your locality. Suggest suitable solutions and request the concerned authorities to take timely action.

Q2. Slogan Writing: Write four slogans on each of the following topics:

(a) Sports (b) Our Senior Citizens

Q3. Poster Making: Make a poster on the topic “Paralympics” in the context of the chapter Nine Gold Medals. (Take help from your textbook, pages 66 and 166.)

Q4. Chart Making: Prepare a chart on “Tenses.”

Q5. Collect information :

- A. What are the Paralympics?
- B. Name two lesser-known Paralympic sports.
- C. Write about famous Paralympians from India.
- D. Mention some famous events in the Paralympics.

Q6. Reading Activity: Read the story “The Lost Child” on page no.120 and present its summary in your class.

Q7. Direct and Indirect speech: Convert the following into indirect speech:-

- a) He said to us, “Why are you all sitting there doing nothing?”
- b) “Don’t you know the way home?” I asked.
- c) “Sit down, boys,” said the teacher .
- d) The prince said, “It gives me great pleasure to be here this evening.”
- e) He said, “I shall go as soon as possible .”

NOTE: All work must be completed on A4 size sheets.

MATHS

1. Write the coordinates of a point 4 units right and 3 units above the origin.
2. Plot A(2, 3), B(-2, 3), C(-2, -3) and D(2, -3). Join them in order and name the quadrilateral formed.
3. In which quadrant does each point lie: P(5, -2), Q(-4, 6), R(-3, -7) and S(8, 9)?
4. A point lies on the x-axis and is 6 units to the left of the origin. Write its coordinates.
5. State whether (0, -5) lies on the x-axis, y-axis, or in a quadrant.
6. Write the reflections of (3, -4) in (a) the x-axis and (b) the y-axis.
7. Plot (1, 2), (4, 2), (4, 5) and (1, 5). Identify the shape and find its side lengths.
8. A map has school at (2, 1), library at (2, 5), and park at (-3, 1). Describe the direction and grid distance from school to each place.
9. Identify the variable, coefficient and constant term in $7x - 9$.
10. Find $p(-2)$ if $p(x) = 3x + 5$.
11. Write a linear polynomial whose zero is 4.
12. Check whether $x = 3$ is a zero of $p(x) = 2x - 6$.
13. Find the zero of $5x + 15$.
14. Write any two linear polynomials in the variable y .
15. If $p(x) = ax + 8$ and $p(2) = 14$, find a .
16. Find two values of x for which $x + 4$ is positive and two values for which it is negative.
17. Classify each as rational or irrational: (a) $\sqrt{49}$ (b) $\sqrt{7}$ (c) 0.125 (d) π .
18. Express 0.375 as a fraction in simplest form.
19. Between which two consecutive integers does $\sqrt{30}$ lie?
20. Write three rational numbers between $1/3$ and $1/2$.
21. Is 0.272727... rational or irrational? Give a reason.
22. Simplify $\sqrt{72}$ by taking out the largest possible perfect-square factor.

23. Arrange in ascending order: $\sqrt{2}$, 1.5, $\sqrt{3}$, 1.4.
24. Determine whether $\sqrt{81} + \sqrt{16}$ is rational or irrational. Justify your answer.
25. Represent $\sqrt{5}$ approximately on a number line, explaining your construction.
26. Expand using an identity: $(x + 5)^2$.
27. Expand: $(2a - 3)^2$.
28. Simplify using an identity: $(x + 7)(x - 7)$.
29. Factorise: $x^2 + 10x + 25$.
30. Factorise: $9a^2 - 16b^2$.
31. Expand and simplify: $(x + 2)(x + 6)$.
32. Evaluate 103^2 using a suitable algebraic identity.
33. Evaluate 98×102 using an algebraic identity.
34. Factorise: $4x^2 - 12x + 9$.
35. A lift is on floor 3. It goes down 7 floors and then up 4 floors. On which floor does it stop?
36. The temperature is -4°C in the morning and rises by 9°C by noon. What is the noon temperature?
37. Evaluate: $(-8) + 13 - 6$.
38. Evaluate $(-7) \times 6$ and state the sign of the result.
39. Evaluate: $(-48) \div (-6)$.
40. Starting at 0, move 5 units left, 8 units right and 6 units left on a number line. Where do you finish?
41. A wheel completes 20 rotations. If its circumference is 1.5 m, how far does it travel?
42. An elevator starts at level -2 , rises 9 levels, then descends 5 levels. State its final level.
43. Find the perimeter and area of a rectangle of length 12 cm and breadth 7 cm.
44. A square has side 9 cm. Find its perimeter and area.
45. The perimeter of a rectangle is 50 cm and its length is 15 cm. Find its breadth.
46. Find the area of a triangle with base 14 cm and height 9 cm.
47. A parallelogram has base 16 cm and perpendicular height 5 cm. Find its area.

48. Find the circumference and area of a circle of radius 7 cm. Use $\pi = 22/7$.
49. A rectangular garden is 20 m long and 12 m wide. Find the cost of fencing it at ₹35 per metre.
50. A square field has area 196 m². Find its side and perimeter.
51. State and Prove Double angle Theorem.

Science

AUTUMN BREAK HOMEWORK (10 Days) CLASS – IX, SCIENCE

*Complete in a neat notebook/file; submit on reopening.

Day	Task
1	Ch 1: Write the steps of the scientific method ; list SI units of 5 quantities and 3 lab safety rules . Creative: make a flowchart/poster “How a scientist thinks”.
2	Ch 2: Draw and label a plant cell and an animal cell ; write 5 differences. Why is the cell called the structural and functional unit of life ?
3	Ch 2: Activity: observe an onion peel cell (slide/stain or NCERT figure); sketch it. Competency: what happens if a cell loses its mitochondria or nucleus ?
4	Ch 3: Tabulate plant tissues (meristematic, permanent) and animal tissues (epithelial, connective, muscular, nervous) with function and location. Make a concept map.
5	Ch 4: Define distance, displacement, speed, velocity, acceleration ; solve 5 NCERT-type numericals; draw a distance–time graph of a bus journey.
6	Ch 4: Activity: measure your walking speed over 20 m using a stopwatch (3 trials), find the average and plot a graph.
7	Ch 5: Differentiate solution, suspension, colloid ; explain filtration, evaporation, distillation, chromatography, centrifugation with one use each. Kitchen activity: separate a salt–sand–iron filings mixture and write the steps for the same.
8	Ch 6: Explain balanced/unbalanced forces, inertia, friction with 3 daily-life examples each. Creative: draw a comic strip on “A day without friction”.
9	Ch 7: Define work, kinetic energy, potential energy ; solve 4 numericals.
10	Revision: Solve NCERT end-of-chapter questions (any 3 per chapter, Ch 1–7); prepare a one-page formula and key-terms sheet . Complete portfolio / self-reflection (what I learnt / found difficult) and Practical record. Submit the project, practical file and portfolio after the break.



PM SHRI KENDRIYA VIDYALAYA NO. 2, DELHI CANTT.
AUTUMN BREAK HOMEWORK – SESSION 2026-27
 Class – IX | Subject – Social Science



Save Oceans
Save Life

A. WRITTEN WORK

Chapter: Oceans and Life (Part II, Chapter 1)

- Read the complete chapter carefully.
- Prepare comprehensive notes covering all the important topics.
- Write the important points and key definitions.
- Explain waves, tides and ocean currents with suitable examples.
- Describe the importance of marine resources and their role in human livelihoods.
- Write short notes on ocean navigation, fishing and challenges faced by coastal communities.
- Explain cyclones and tsunamis and describe the importance of early warning systems.
- Write about international maritime rules and the need for international cooperation in conserving ocean resources.
- Draw neat, labelled diagrams of ocean relief and the movement of ocean water.
- Prepare five important questions with answers from the chapter.

Key Topics to Cover (for your notes)

1. Ocean Relief

- Continental shelf
- Continental slope
- Deep sea plains
- Ocean trenches
- Mid-ocean ridges

2. Waves, Tides and Currents

- Waves – formed by wind
- Tides – due to gravitational pull of Moon and Sun
- Currents – movement of ocean water

3. Marine Resources

- Living resources (fish, seaweed etc.)
- Non-living resources (minerals, oil, gas, salt etc.)

4. Ocean and Human Life

- Navigation and trade
- Fishing and employment
- Coastal communities and challenges

5. Cyclones and Tsunamis

- Causes and effects
- Early warning systems
- Safety measures

6. International Maritime Rules

- UNCLOS (United Nations Convention on the Law of the Sea)
- Need for cooperation
- Conservation of marine resources

B. PROJECT / EXPERIENTIAL LEARNING ACTIVITY

Suggested Project Title:
“Oceans and Life: Conservation, Climate and Human Livelihoods”

Prepare a project file or illustrated report covering the following:

- Introduction and Objectives**
 - Why oceans are important?
 - What you aim to show in your project.
- Major Features of Ocean Relief**
 - Labelled diagram of ocean floor (continental shelf, slope, deep sea plain, ridge, trench).
- Waves, Tides and Currents**
 - Illustrations/diagrams with examples.
- Importance of Oceans**
 - Climate regulation, biodiversity, livelihoods.
- Marine Pollution and Threats**
 - Plastic, oil spills, overfishing, climate change etc.
- Cyclones and Tsunamis**
 - Preparedness and early warning systems.
- Measures for Sustainable Use and Conservation**
 - Reducing pollution, sustainable fishing, marine protected areas, international cooperation.
- Conclusion and Bibliography**
 - Summary of key learnings and sources used.

Note: Include relevant maps, diagrams, photographs, examples and information from reliable sources. Present the work in your own words.

C. GENERAL INSTRUCTIONS

- Complete the written work neatly in your Social Science notebook or assignment file.
- Use suitable headings, subheadings and labelled diagrams.
- Avoid copying material directly from websites.

- Keep the project file well-organised and creative.
- Submit the completed work on the first working day after the Autumn Break.
- Be prepared to explain your project during classroom discussion.

Good Work and Happy Learning!

Subject Teacher – Social Science

Artificial Intelligence

INSTRUCTIONS FOR PRACTICAL FILE

- Complete at least 15 practicals of your choice.
- Use A4 size plain sheets only for writing.
- Write only one practical on one sheet.
- Do not write two practicals on the same sheet.
- All source code must be handwritten neatly with a blue/black pen.
- Do not print the source code. Only handwriting is allowed for the code part.
- The output of every practical must be taken as a printout.
- Paste the printed output just beneath the input/source code of that practical on the same sheet. If the output is long, paste it on the next plain sheet but attach it with the same practical.
- Write the Practical Number on every sheet.
- Write the program in a proper format: Source Code, Output.
- Maintain proper indentation and readability in the handwritten code.
- Number all the sheets serially (1, 2, 3... up to 15+).
- Prepare an Index Page on the first sheet with Practical No., Title of Practical, and Page No.
- Prepare a Certificate Page as the second sheet of your file.
- Arrange all sheets in a proper file/folder in serial order.
- Submit the complete file after the autumn vacation.

Practical File

<https://drive.google.com/file/d/1z73-k1YgfP3WyvGGXjTWpXsGA4CwQOjV/view?usp=sharing>

CLASS – X

HINDI

1. ईमेल-लेखन: किसी भी प्रतिष्ठित बैंक में अपना बचत खाता खुलवाने के लिए ईमेल लिखिए।
2. संगतकार : कविता का केंद्रीय भाव लिखिए।
3. संस्कृति: पाठ से मिलने वाली शिक्षा लिखिए।
4. व्याकरण – रचना के आधार पर वाक्य भेद, वाक्य की परिभाषा को भेज दो सहित लिखिए
5. सीबीएसई की वेबसाइट पर उपस्थित किसी भी एक सैमल पेपर को हल करें।

निर्देश: समस्त कार्य हिंदी की कॉपी में साफ़-सुथरी लिखावट में पूर्ण करें।

ENGLISH

<https://docs.google.com/document/d/1tRD2BI0CWWmCfqgAAXMsUMiPrBbmYyAU/edit?usp=sharing&ouid=112667634160269070072&rtpof=true&sd=true>

1. 2-1-3_English (Lang. & Lit.).pdf Print, Paste AND Solve the English PYQ neatly in your notebook during the autumn break and submit it after the holidays.
2. Here are 3 more English PYQs. Solve only the grammar sections of these papers during the autumn break.
2-3-1.pdf
2-3-2 (1).pdf
2-3-3 (1).pdf
3. NOTE- ALL WORK HAS TO BE DONE IN FAIR NOTEBOOK OF ENGLISH.
4. THOSE WHO HAVE NOT SUBMITTED THEIR PORTFOLIO COMPLETE IT AND SUBMIT AFTER AUTUMN BREAK.

MATHS

BASIC MATHS -- https://drive.google.com/file/d/1faEkbeG6KpK1MxyRgaRedlMyWn_sH_Zz/view?usp=sharing

STANDARD MATHS -- <https://drive.google.com/file/d/1oD46e1rDUVnb22AWGoRylooya455P2pD/view?usp=sharing>

SCIENCE

https://docs.google.com/document/d/1_AmowmUP2AnuyeQU3EuwffNDcXemrULn/edit?usp=sharing&oid=112667634160269070072&rtpof=true&sd=true

#Do the holiday homework in notebook

BIOLOGY

• Answer the following questions:

1 . A. Due to narrowing of the bile duct, the bile secretion from the liver to the small intestine was obstructed. How will the process of digestion be affected?

B. How does the length of the intestine depend on the nature of food habit in different animals?

2 . Answer part A and B

A. Which parts of the brain perform certain actions for which we do not have any thinking control? What are such actions called, give two examples.

B. How is the information of touch in the 'sensitive plant' controlled and coordinated?

3 . What changes are observed in the uterus subsequent to implantation of the young embryo in a human female?

4 . How do muscles move at the cellular level and respond when processed messages are received from the brain?

5 . In order to study patterns of inheritance, Neha had performed typical Mendelian experiments with pea plants in the field. In experiment one, she crossed a pea plant having white flowers (vv) with another pea plant bearing violet flowers (VV). In another experiment, in addition to the colour of the flower she also focussed on the height of the pea plant. This time she crossed a pea plant having violet flowers and tall height (VVTt) with another pea plant having white flowers and short height (vvtt).

What percentage is expected for the following traits as a result of these experiments? Give a reason.

A. Violet flowers in F1 and F2 generation in experiment one? (1)

B. Tall height plants with white flowers in F2 generation in experiment two?

6.

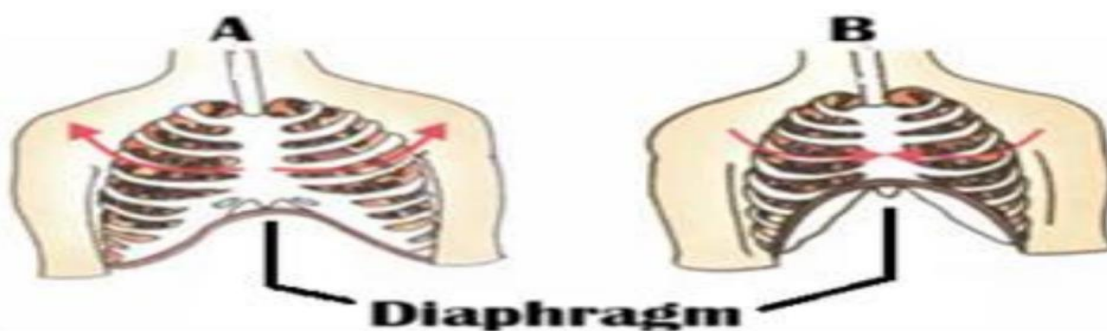


A. Observe the structure of hearts A, B and C shown above and answer the following questions

I. Which of the hearts depicted above is present in both birds and Mammals and how are they able to maintain their body temperature? Give reason for your answer.

II. Which of the hearts depicted above is present in fishes, how does circulation of blood take place in them?

7.



I. Observe both the diagrams A and B. Which diagram indicates inhalation? Describe how it occurs.

II. If diffusion were to move oxygen in our body, it is estimated that it would take 3 years for a molecule of oxygen to get to our toes from our lungs. Then, how is oxygen delivered to all parts of our body?

CHEMISTRY

#Answer the following questions:

1. Ramya performs an experiment in the following two steps

Step 1: Heats ethanol with conc. H_2SO_4 at 170°C to get product A.

Step 2: Passes hydrogen gas over product A, using Ni as a catalyst and gets product B.

(i) Name the products A and B.

(ii) Write the reactions involved in both the steps.

2. Give reason for the following :

A. A solution of sports electrolyte drink conducts electricity, but coconut oil does not.

B. Milkiness disappears when excess of carbon dioxide is passed through lime water.

C. An iron bridge near the sea rusts much faster than an iron bridge located in a dry hilly region.

3 . Aavya and Vihan are studying the properties of metals in school. They decide to design and conduct an experiment to test the relative conduction of heat by metals. They use the apparatus (Figure) with rods of five different metals aluminium, silver, copper, iron and zinc attached to a central point. This central point is heated using a burner. The metal rods are of equal length and thickness. They observe that the candles at the end of the rods fall at different times. (Study the graph)

A. On the basis of the graph obtained, which metal is the best conductor of heat?

B. Gold is a better conductor of heat than aluminium but it is not as good as copper. The time taken for the candle to drop if one of the rods were made of gold would have been:

(i) 15 s

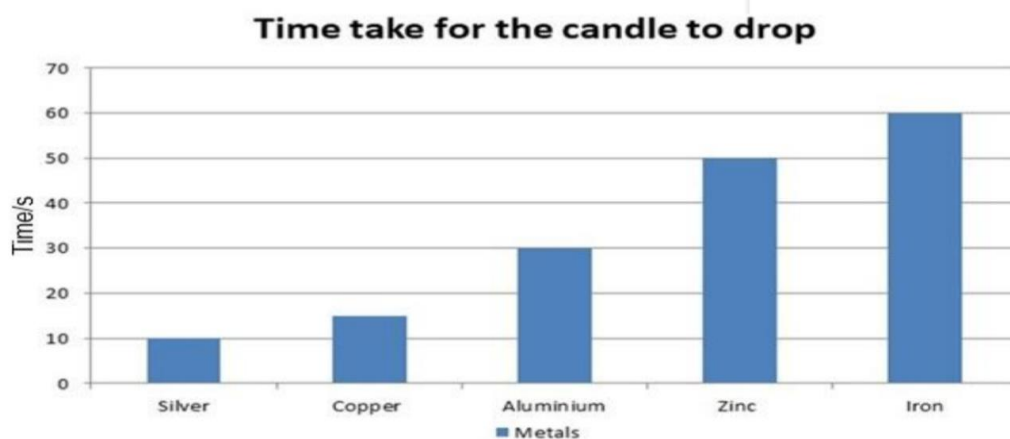
(ii) 20 s

(iii) 35 s

(iv) 10 s

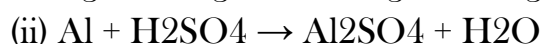
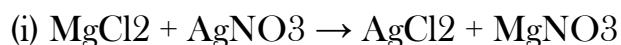
C. The length of all the metal rods is increased by 20% without any change in the thickness. Will the time required for the candles to drop be affected? How and why?

D. Mayank tries the experiment with an apparatus similar to figure (1). He ensures the length of all metal rods is the same. However, the thickness of rods is not the same in his apparatus. Will the inference he draws on the basis of his experiment be correct? Justify your answer.



4 . Refer to the dialogue between Alisha, Drishti and Bhushan in the chemistry lab. They are discussing rusting of iron and formation of ammonia gas. Who all do you agree with and why?
 Alisha: The formation of ammonia by reaction of nitrogen with hydrogen is a reduction reaction.
 Drishti: Both rusting of iron and formation of ammonia are redox reactions. Bhushan: Rusting of iron is an oxidation reaction.

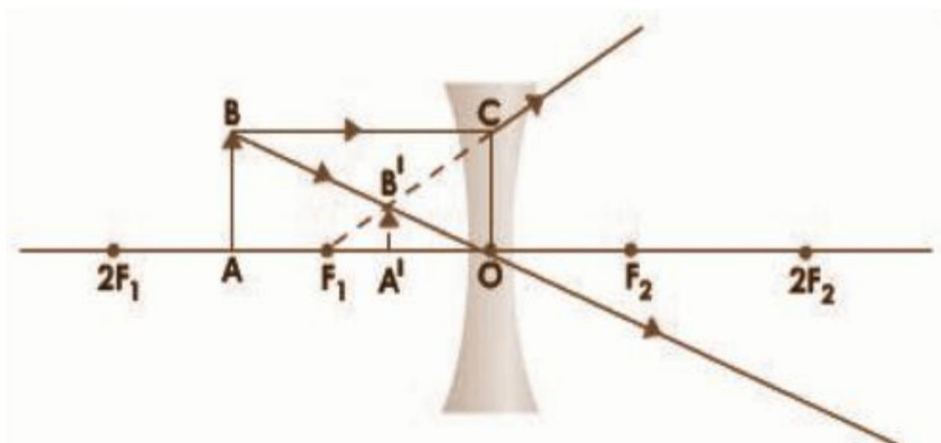
5 . Assess the following chemical equations. Identify the error(s) and rewrite the equation after correction.



PHYSICS

#Answer the following questions:

1 .



A concave lens forms an image that is 1/3rd the size of the object, as shown in the diagram. If the object is placed 24 cm in front of the lens, determine:

- A. the type of lens.
- B. the image distance
- C. the focal length of the lens

2 . I. What is meant by accommodation of the human eye?

II. What is the near point of a normal eye and what does it signify?

III. Name which type of lens is used to correct the defect in which a person cannot see distant objects clearly.

IV. Draw a diagram to show how the choice of your lens in (d) helps to see distant objects clearly?

3 . I. What is dispersion of light?

II. Which colour of light deviates the least during dispersion through a prism?

III. State why the sky appears dark to an astronaut in outer space.

IV. Draw a simple labelled diagram to show how white light splits into different colours while passing through a glass prism.

• Read and learn the environment chapter by yourself .

Happy Holidays! Keep learning, keep exploring, and keep shining. Make every moment of your vacation meaningful!

S.Science

<https://drive.google.com/file/d/1gSn3Hzy-skfreFshpa5dxHJ3Fn6EUNiR/view?usp=sharing>



PM SHRI KENDRIYA VIDYALAYA
DELHI CANTT NO. 2, DELHI
पीएम श्री केंद्रीय विद्यालय, दिल्ली छावनी नं. 2, दिल्ली
Learning Today... Leading Tomorrow...



PM SHRI
समग्र शिक्षा, बेकायदा
National Mission for
Quality Education



Class 10 – Social Science

Homework for Autumn Break

CBSE | KVS



Stay Curious
Keep Learning
Grow Always
😊



General Instructions:

- Do all the given work neatly in your Social Science notebook / separate thin notebook.
- Use A4 size sheets if required for maps, charts or project work.
- Write your name, class, section and school name on the first page.
- The homework is to be completed during the Autumn Break and submitted after vacation.



History

1. Make a short note (in points) on the following topic: "The Rise of Nationalism in India" (Chapter 2).
2. Prepare a timeline of important events from 1857 to 1947 (at least 10 events).
3. Write the names and contributions of any five freedom fighters (with pictures if possible).
4. Collect and paste newspaper clippings / pictures related to the Indian Freedom Movement.



Geography

1. Draw a well-labelled political map of India showing the following:
 - Major physiographic divisions
 - Important mountain ranges
 - Major rivers
 - Neighboring countries
2. Write a short note on "Resources and Development" (Chapter 1).
3. Prepare a chart showing the differences between Renewable and Non-renewable resources.



Political Science

1. Make a flow chart of the structure of Indian Constitution (beginning with Preamble up to Fundamental Rights).
2. Write the key features of the Indian Constitution (any 5 points).
3. Prepare a short note on "Fundamental Duties" (Chapter 5).
4. List and explain the functions of the Parliament (Lok Sabha and Rajya Sabha).



Economics

1. Write a short note on "Sectors of the Indian Economy" (Primary, Secondary and Tertiary).
2. Prepare a table showing the difference between Organized and Unorganized Sector.
3. Make a list of the main features of "Globalization" (any 5 points).
4. Draw a diagram showing the circular flow of income (simple and neat).

Do your best
and make it count!
😊



Happy Holidays
and
Keep Learning!
😊

Artificial Intelligence

INSTRUCTIONS FOR PRACTICAL FILE

- Complete at least 15 practicals of your choice.
- Use A4 size plain sheets only for writing.
- Write only one practical on one sheet.
- Do not write two practicals on the same sheet.
- All source code must be handwritten neatly with a blue/black pen.
- Do not print the source code. Only handwriting is allowed for the code part.
- The output of every practical must be taken as a printout.
- Paste the printed output just beneath the input/source code of that practical on the same sheet. If the output is long, paste it on the next plain sheet but attach it with the same practical.
- Write the Practical Number on every sheet.
- Write the program in a proper format: Source Code, Output.
- Maintain proper indentation and readability in the handwritten code.
- Number all the sheets serially (1, 2, 3... up to 15+).
- Prepare an Index Page on the first sheet with Practical No., Title of Practical, and Page No.
- Prepare a Certificate Page as the second sheet of your file.
- Arrange all sheets in a proper file/folder in serial order.
- Submit the complete file after the autumn vacation.

Practical File

<https://drive.google.com/file/d/1z73-k1YgfP3WyvGGXjTWpXsGA4CwQOjV/view?usp=sharing>

INDEX

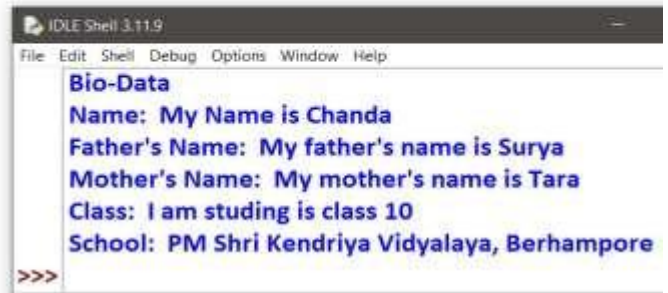
EXP	EXPERIMENT NAME	DATE	SIGNATURE
1	Write a program to print your Bio-Data.		
2	Program to convert Celsius to Fahrenheit.		
3	Program to check if a number is even or odd.		
4	Simple Menu-Driven Calculator Program. .		
5	Python programs using operators, data types, control statements (Level 1)		
6	Python programs on Numpy, Pandas, Scikit-learn (Level 2)		
7	Create an empathy map for a given scenario.		
8	Project Abstract Creation Using Design Thinking Framework.		
9	Python programs to demonstrate the use of mean, median, mode, standard deviation and variance.		
10	Python programs to visualise the line graph, bar graph, histogram, scatter graph and pie chart using matplotlib.		
11	Calculation of pearson correlation coefficient in MS - Excel.		
12	Demonstration of Linear regression in MS - Excel / using python program.		
13	Demonstration of k - Nearest Neighbour using python program.		
14	Demonstration of k - means clustering using python program.		
15	(Sample programs for regression, classification and clustering along with the dataset is in this link.)		
16	Create a chatbot on ordering ice-creams using any of the following platforms:		
17	Google Dialogflow		
18	Python program to demonstrate the working of a chatbot.		
19	Python program to summarise the given text.		
20	Summarize your insights and interpretations from the video "Humans need not apply."		
21	Comparative study of AI policies (that involve examining guidelines and principles) established by various organizations and regulatory bodies.		
22	Understanding ethical dilemma using-Moral machine		

1. Write a program to print your Bio-Data.

```
name = "My Name is Chanda"
father_name = "My father's name is Surya"
mother_name = "My mother's name is Tara"
class_name = "I am studing is class 10"
school_name = "PM Shri Kendriya Vidyalaya, Berhampore"
```

Printing the bio-data

```
print("Bio-Data")
print("Name: ", name)
print("Father's Name: ", father_name)
print("Mother's Name: ", mother_name)
print("Class: ", class_name)
print("School: ", school_name)
```



The screenshot shows the IDLE Shell 3.11.9 window. The output of the program is displayed as follows:

```
Bio-Data
Name: My Name is Chanda
Father's Name: My father's name is Surya
Mother's Name: My mother's name is Tara
Class: I am studing is class 10
School: PM Shri Kendriya Vidyalaya, Berhampore
>>>
```

2. # Program to convert Celsius to Fahrenheit.

```
celsius = float(input("Enter temperature in Celsius: "))
fahrenheit = (celsius * 9/5) + 32
# Print the result
print(fahrenheit)
```

Enter temperature in Celsius: 45
113.0

3. Program to check if a number is even or odd.

```
number = int(input("Enter a number: "))
# Check if the number is even or odd
if number % 2 == 0:
    print(number, " an even number.")
else:
    print(number, " is not an even number.")
```

```
Enter a number: 45
45 is not an even number.

==== RESTART: C:/Users/Ram
Enter a number: 48
48 an even number.
```

4. Simple Menu-Driven Calculator Program.

```
while True:
    # Displaying the menu
    print("Menu:")
    print("1. Addition")
    print("2. Subtraction")
    print("3. Multiplication")
    print("4. Division")
    print("5. Exit")
    # Taking user choice
    choice = input("Enter your choice (1-5): ")
    # Check if the choice is to exit
    if choice == '5':
        print("Exiting the program.")
        break
    # Taking input for numbers
    num1 = float(input("Enter first number: "))
    num2 = float(input("Enter second number: "))
```

```
# Performing the chosen operation
if choice == '1':
    result = num1 + num2
    print("Result: ", result)
elif choice == '2':
    result = num1 - num2
    print("Result: ", result)
elif choice == '3':
    result = num1 * num2
    print("Result: ", result)
elif choice == '4':
    if num2 != 0:
        result = num1 / num2
        print("Result: ", result)
    else:
        print("Error! Division by zero.")
else:
    print("Invalid choice! Please choose a number between 1 and 5.")
```

```
Menu:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice (1-5): 1
Enter first number: 34
Enter second number: 65
Result: 99.0
Menu:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice (1-5):
```

```
Enter your choice (1-5): 1
Enter first number: 23
Enter second number: 43
Result: 66.0
Menu:
1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit
Enter your choice (1-5): 2
Enter first number: 45
Enter second number: 54
Result: -9.0
```

5. Program to print a name 5 times.

```
name = input("Enter your name: ")
for i in range(5):
    print(name)
```

```
Enter your name: Kendriya Vidyalaya
Kendriya Vidyalaya
Kendriya Vidyalaya
Kendriya Vidyalaya
Kendriya Vidyalaya
Kendriya Vidyalaya
```

6. Program to calculate LCM and HCF of two number.

```
# Input: two numbers
num1 = int(input("Enter first number: "))
num2 = int(input("Enter second number: "))
if num1>num2:
    small=num2
else:
    small=num1
for i in range( 1, small):
    if num1%i==0 and num2%i==0:
        hcf=i

# Calculate LCM using the formula
lcm = (num1 * num2) // hcf

# Print the results
print("HCF:", hcf)
print("LCM:", lcm)
```

```
Enter first number: 45
Enter second number: 95
HCF: 5
LCM: 855
```

7. Program to print a right-angled triangle pattern

```
rows = int(input("Enter the number of rows: "))
# Loop to print the pattern
for i in range(1, rows + 1):
    print('!' * i)
```

```
Enter the number of rows: 5
*
**
***
****
*****
```

8. Program to count vowels and consonants in a string.

```
text = input("Enter a string: ")
v = 0
c = 0
vo = "aeiouAEIOU"
for char in text:
    if char.isalpha():
        if char in vo:
            v += 1
        else:
            c += 1
# Print the results
print("Total number of vowels:", v)
print("Total number of consonants:", c)
```

```
Enter a string: pm shri kendriya vidyalaya karimnagar
Total number of vowels: 12
Total number of consonants: 21
```

9. # Program to insert and delete elements in a list.

```
my_list = []
while True:
    print("Menu:")
    print("1. Insert an element")
    print("2. Delete an element")
    choice = input("Enter your choice")
    if choice == '1':
        element = input("Enter")
        my_list.append(element)
        print("element inserted.")
    elif choice == '2':
        element = input("Enter")
        my_list.remove(element)
        print("element deleted")
```

```
Menu:
1. Insert an element
2. Delete an element
Enter your choice
Menu:
1. Insert an element
2. Delete an element
Enter your choice1
Enter11
element inserted.
Menu:
1. Insert an element
2. Delete an element
Enter your choice2
Enter11
element deleted
Menu:
1. Insert an element
2. Delete an element
Enter your choice
```

10. Program to calculate the mean of a given list.

```
numbers = [10, 20, 30, 40, 50]
total = sum(numbers)
count = len(numbers)
mean = total / count
print("Given List:", numbers)
print("Mean:", mean)
```

```
Given List: [10, 20, 30, 40, 50]
Mean: 30.0
```

11. Write a program to create a 2D array using NumPy.

```
import numpy as np
array_2d = np.array([[1, 2], [3, 4]])
print(array_2d)
```

```
= RESTART: C:/Us
[[1 2]
 [3 4]]
```

>>>

12. Write a program to convert a Python list to a NumPy array.

```
import numpy as np
my_list = [10, 20, 30, 40]
numpy_array = np.array(my_list)
print(numpy_array)
```

>>>

```
= RESTART: C:/Us
[10 20 30 40]
```

>>>

13. Write a program to create a matrix of 3x3 from 11 to 20.

```
import numpy as np
matrix_3x3 = np.arange(11, 20).reshape(3, 3)
print(matrix_3x3)
```

```
= RESTART: C:/I
[[11 12 13]
 [14 15 16]
 [17 18 19]]
```

14. Write a program to create a DataFrame to store data of candidates who appeared in interviews.

```
import pandas as pd
data = {'Name': ['Aman', 'Babita', 'Karan'],
        'Age': [25, 30, 22], 'Interview_Score': [85, 90, 88]}
df = pd.DataFrame(data)
print(df)
```

```
=== RESTART: C:/Users/Ramesh/AppD
  Name  Age  Interview_Score
0  Aman   25                85
1 Babita  30                90
2  Karan  22                88
```

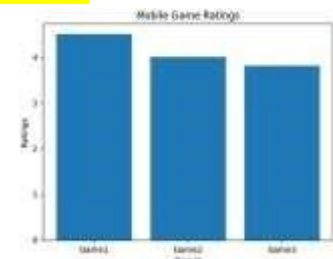
15. Write a program to create a DataFrame of players and filter based on runs > 1000.

```
import pandas as pd
data = {'Player': ['Sachin', 'Virat', 'Dhoni'],
        'Runs': [15000, 12000, 9000]}
df = pd.DataFrame(data)
filtered_df = df[df['Runs'] > 1000]
print(filtered_df)
```

```
>>>
=== RESTART: C:/U
  Player  Runs
0  Sachin 15000
1   Virat 12000
2   Dhoni  9000
>>>
```

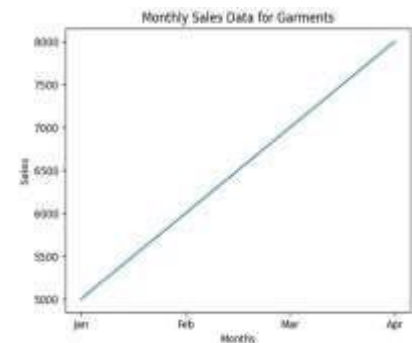
16. Write a program to represent mobile game ratings on a bar chart.

```
import matplotlib.pyplot as plt
games = ['Game1', 'Game2', 'Game3']
ratings = [4.5, 4.0, 3.8]
plt.bar(games, ratings)
plt.xlabel('Games')
plt.ylabel('Ratings')
plt.title('Mobile Game Ratings')
plt.show()
```



17. Plot monthly sales data for garments on a line chart.

```
import matplotlib.pyplot as plt
months = ['Jan', 'Feb', 'Mar', 'Apr']
sales = [5000, 6000, 7000, 8000]
plt.plot(months, sales)
plt.xlabel('Months')
plt.ylabel('Sales')
plt.title('Monthly Sales Data for Garments')
plt.show()
```



18. Write a menu-driven program to calculate mean, mode, and median.

```
AVFEQ.py - C:/Users/Ramesh/AppData/Local/Programs/Python/Python312/
File Edit Format Run Options Window Help
import statistics
data = [1, 2, 2, 3, 4, 5]
mean_value = statistics.mean(data)
median_value = statistics.median(data)
mode_value = statistics.mode(data)
print("Mean:", mean_value)
print("Median:", median_value)
print("Mode:", mode_value)

IDLE Shell 3.12.1
File Edit Shell Debug Options Window Help
Python 3.12.1 (tags/v3.12.1:
AMD64)] on win32
Type "help", "copyright", "c
>>>
= RESTART: C:/Users/Ramesh/A
Mean: 2.8333333333333335
Median: 2.5
Mode: 2
>>>
```

19. Write a program to calculate variance and standard deviation.

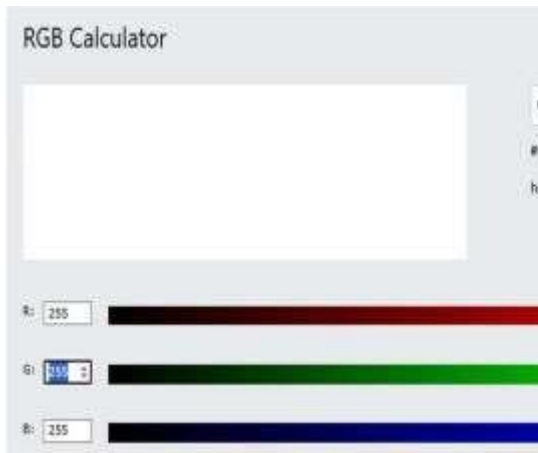
```
import statistics
data = [10, 20, 30, 40, 50]
variance = statistics.variance(data)
std_dev = statistics.stdev(data)
print(variance, std_dev)

Python 3.12.1 (tags/v3.1
AMD64)] on win32
Type "help", "copyright"
>>>
=== RESTART: C:/Users/Ra
250 15.811388300841896
>>>
```

20. Visit an RGB color tool and answer color mixing questions.

Visit this [link](https://www.w3schools.com/colors/colors_rgb.asp) (https://www.w3schools.com/colors/colors_rgb.asp). On the basis of this online tool, try and write answers of all the below-mentioned questions.

1. What is the output colour when you put R=G=B=255?
2. What is the output colour when you put R=G=255,B=0?
3. What is the output colour when you put R=255,G=0,B=255?
4. What is the output colour when you put R=0,G=255,B=255?
5. What is the output colour when you put R=G=B=0?
6. What is the output colour when you Put R=0,G=0,B=255?
7. What is the output colour when you Put R=255,G=0,B=0?
8. What is the output colour when you put R=0,G=255,B=0? **Solution**



1. White
2. Yellow
3. Pink
4. Cyan
5. Black
6. Blue
7. Red
8. Green

21. Create a GIF using Piskelapp and download in as gif

Students can use <https://www.piskelapp.com> to create their own pixel art GIFs and share the link.

Solution:-

1. Open your browser and open [Piskelapp](https://www.piskelapp.com).
2. Click on "Create Sprite" to start a new project.
3. Draw Your Frames:
4. Use the drawing tools to create the first of your animation.
5. Add new frames by clicking the "+" button in the frames section.
6. Edit each frame to build your animation.
7. Preview Your Animation:
8. Click on the play button in the top-right corner to preview your animation.
9. Click on "Export" in the top menu and select "GIF" as the export format.
10. Download the GIF to your device.



frame

22. Perform various tasks using OpenCV

1. Load an image and Give the title of the image
2. Open image in grey scale
3. Print the shape of image
4. Display the maximum and minimum pixels of image
5. Crop the image and extract the part of an image

6. Save the Image

SOLUTION

```
import cv2
#Load the image
img = cv2.imread("octopus.jpg")

# Load the image in grey scale
img = cv2.imread("octopus.jpg",cv2.IMREAD_GRAYSCALE)

# Display the image
cv2.imshow("Image", img)

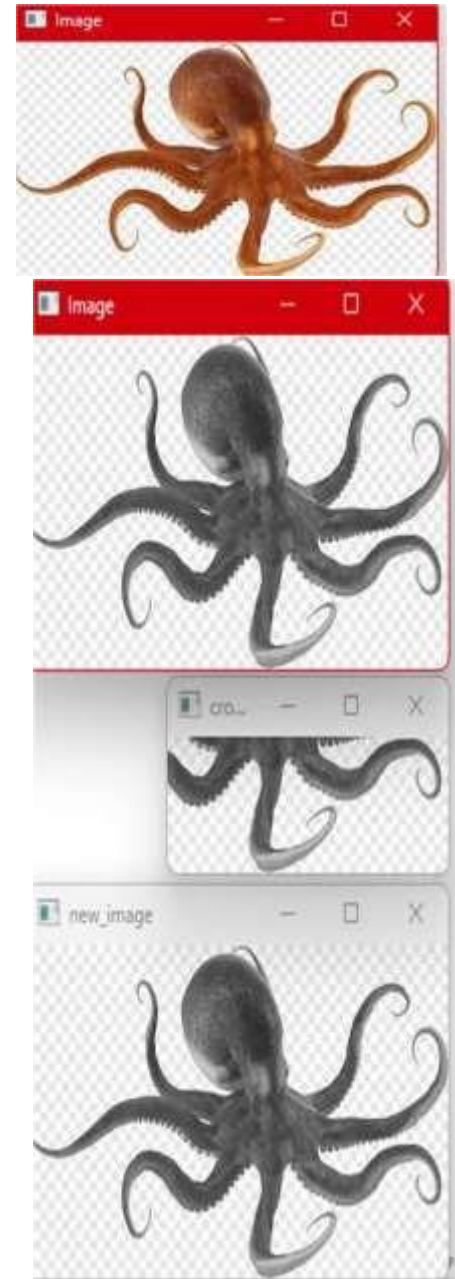
# Print the shape (dimensions) of the image
print("Image Shape:", img.shape)

# Print the minimum and maximum pixel values of the image
print("Minimum Pixel Value:", img.min())
print("Maximum Pixel Value:", img.max())

# Crop the image (extract the part of the image)
cropped_img = img[150:400, 100:200]
cv2.imshow("cropped_img",cropped_img)

# Save the image with a new name
cv2.imwrite('oct.jpg', img)
# Display the saved image
cv2.imshow("new_image",img)
```

```
Image Shape: (169, 299)
Minimum Pixel Value: 25
Maximum Pixel Value: 255
```



CLASS – XI

HINDI

केंद्रीय विद्यालय क्रमांक 2 दिल्ली छावनी

(प्रथम पाली)

शरदकालीन अवकाश गृहकार्य

कक्षा-ग्यारहवीं

विषय - हिंदी(302)

- 1.अभी तक पढ़ाए गए पाठ्यक्रम का सारा काम पूरा कीजिए।
- 2.'राजस्थान की रजत बूंदें' पाठ पढ़कर बताइए कि जल संचय के लिए कुई का निर्माण कहां कहां किया जाता था? जल संचय के लिए आपके क्षेत्र में किस पारंपरिक तरीके का प्रयोग किया जाता है उसका वर्णन करें।
- 3.किसी हिंदी समाचार पत्र से किसी खबर को काटकर अपनी कापी पर चिपकाए और ककारों के आधार पर उस खबर का विश्लेषण करें।
4. शरद कालीन अवकाश के किसी दो दिन के अनुभव को डायरी शैली में लिखें।
- 5.निम्न में से किसी एक विषय पर रचनात्मक लेख लिखिए:-
क. जब मैंने बाइक /स्कूटी चलाना सीखा।
ख.यदि मैं पक्षी होता।
ग.दशहरे मेले का वर्णन

ENGLISH

All the activities are to be done on A4 sheets stapled together. Please avoid keeping these sheets in plastic folders. Just staple the sheets with your name topic class and roll no on the topmost sheet

Select any one question of your choice

1. 🎧 The Podcast Project – “If This Story Could Talk...”

Choose any chapter or poem from your English syllabus and create a **3–5 minute podcast**.

You may:

- Retell the story from the perspective of a different character.
- Interview one or more characters from the text.
- Imagine the characters living in the present day.

Choose any chapter from your syllabus and create a **newspaper front page** reporting its events as if they have just happened.

Your newspaper should include:

- An attention-grabbing headline
- Sub-headline
- Main news report
- Quotes from characters/witnesses
- Relevant photograph or illustration

ATTEMPT ALL THE THREE ACTIVITIES GIVEN BELOW

3. ✉ A Letter Across Time

Imagine that a character from one of the prescribed texts meets a teenager from the year **2026**.

Write a **letter** from the character to the teenager (or vice versa), describing their meeting, the differences they notice and what they learn from each other.

Write a **travelogue** about a place you have visited or a place you dream of visiting.

Describe:

- The journey
- People and culture
- Food and surroundings
- Memorable experiences
- Your thoughts and feelings

Use **vivid descriptions, sensory details and engaging language** to make the reader feel that they are travelling with

5. ⚖ The Character Court

Put a character from any prescribed text “**on trial**” for one of their actions or decisions.

Present:

- The charge against the character
- Arguments by the prosecution
- Arguments by the defence
- Evidence from the text
- Your final verdict

MATHS

https://drive.google.com/file/d/1rSxWQTVd7Mc-kEzy7zsljoZ_VxOm8Vyq/view?usp=sharing

PHYSICS

<https://docs.google.com/document/d/1-PDdUrUw7HeeDZzd-fhStZKfXMeNzYnQ/edit?usp=sharing&ouid=112667634160269070072&rtpof=true&sd=true>

Instructions:

- 1: Do holiday homework in class register/homework register.
- 2: Do not forget to write units at proper places and in answer. You can hope to Get full marks in numerical only if units are given both data and with answer.
- 3: Use pencil for figures and diagram.

Q1. Do Periodic Test 1 paper in your class register.

Q2. Complete your class notes, solved examples, Blue questions and Back exercise Questions of Chapter 01 to Chapter 07 of NCERT in your class register/Home work register.

Q3. Complete your practical notebook as per practicals done in your class/sec..

Q4. Complete your Project work (and check the topic with your teacher).

Q5. Do Daily five questions of Competency based questions per day.

Make a word file of competency based question as per chapters allotted to the students. (Assertion reasoning, case based study MCQ etc)

Q6. Make a working model for Rajya Stariya Bal Vaigyanik Pradarshani (RSBVP) 2026-27 on given themes

Theme : Science, Technology, and Innovation for a Sustainable and Viksit Bharat

Sub-themes:

1. Artificial Intelligence (AI) for Better Life
2. Green Energy & Environmental Conservation
3. Mathematical Modelling and Computational Thinking
4. Health, Hygiene, and Sanitation
5. Indigenous Agricultural Practices
6. Science for Rural Transformation
7. Disaster

One-Day Seminar Topic:

“1. STEM for Climate Action

2. Non-Communicable Diseases: Causes and Preventive Measures”

Q7. Prepare for half yearly exam revise up to Gravitation and Solve given previous year half yearly samples paper in notebook.

PM SHRI Kendriya Vidyalaya No-2 Delhi Cantt
Autumn Breaks Holiday Home Work Class XI (Physics)

Instructions:

- 1: Do holiday homework in class register/homework register.
- 2: Do not forget to write units at proper places and in answer. You can hope to Get full marks in numericals only if units are given both data and with answer.
- 3: Use pencil for figures and diagram.

Q1. Do Periodic Test 1 paper in your class register.

Q2. Complete your class notes, solved examples, Blue questions and Back exercise Questions of Chapter 01 to Chapter 07 of NCERT in your class register/Home work register.

Q3. Complete your practical notebook as per practicals done in your class/sec..

Q4. Complete your Project work (and check the topic with your teacher).

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Make a word file of competency based question as per chapters allotted to the students. (Assertion reasoning, case based study MCQ etc)

Q6. Make a working model for Rajya Stariya Bal Vaigyanik Pradarshani (RSBVP) 2026-27 on given themes

Theme : Science, Technology, and Innovation for a Sustainable and Viksit Bharat

Sub-themes:

1. Artificial Intelligence (AI) for Better Life
2. Green Energy & Environmental Conservation
3. Mathematical Modelling and Computational Thinking
4. Health, Hygiene, and Sanitation
5. Indigenous Agricultural Practices
6. Science for Rural Transformation
7. Disaster

One-Day Seminar Topic:

1. *STEM for Climate Action*

2. *Non-Communicable Diseases: Causes and Preventive Measures*

Q7. Prepare for half yearly exam revise up to Gravitation and Solve given previous year half yearly samples paper in notebook.

1. <https://docs.google.com/document/d/1sY2h7z2t8F8p1L5W2UXfuH1VcR-wok1F/edit?usp=drivesdk&oid=114927480722754040577&rtpof=true&sd=true>
2. <https://docs.google.com/document/d/1sZnUWsRuBxI6TQsMuQB6BYx46oJ1QV06/edit?usp=drivesdk&oid=114927480722754040577&rtpof=true&sd=true>
3. https://docs.google.com/document/d/1sYJV5HgZ1pbH2qvZS2NDnjWox4P1B_ZP/edit?usp=drivesdk&oid=114927480722754040577&rtpof=true&sd=true

CHEMISTRY

1. Revise and complete all ques (exercise and intext) of all taught chapters, from NCERT textbook in HW chemistry notebook:
2. Prepare a working model (on discussed topic) with synopsis for Science Exhibition 2026 in a group of 2 students.
OR
Prepare investigatory project file for SEE 2027 under the title of:
 - Certificate • Acknowledgement • Introduction • Why I selected this project • Details of the project (research related to the topic) • Experiment (detailed manner including procedure) • Observations & Analysis • Result • Bibliography (mention the links)
3. Complete all discussed and performed practicals in practical notebook.
4. “Green Chemistry is not only the chemistry of today but the necessity of tomorrow. It is the only path to achieve sustainable development where industrial growth goes hand in hand with environmental safety.” Prepare a presentation on “Green Chemistry – Future of Sustainable Development”

BIOLOGY

1. Complete notes and exercise questions of the chapters already discussed.
2. Practice labeled diagrams from the NCERT Textbook.
3. Carry out an investigatory project for final submission in biology practical. Select the topic on your own.
4. Complete the written work of the practical in your files.
5. Practice previous year question papers (including Competency based questions) and prepare thoroughly for half - yearly exams.

COMPUTER SCI.

Class XI (Python Basics + CS Fundamentals)

Theory Work

1. Prepare handwritten notes on the following:
2. Number System (Binary, Octal, Decimal, Hexadecimal) with conversions.
3. Data Types in Python with examples.

4. Difference between Mutable and Immutable data types.
5. Basics of Flowcharts and Algorithms.
1. Practical Work (Python Programs)
6. Write and execute Python programs for:
 1. Find the largest of three numbers.
 2. Check whether a number is prime.
 3. Display Fibonacci series up to n terms.
 4. Count vowels, consonants, digits, and spaces in a string.
 5. Menu-driven program for area of circle, rectangle, and triangle.
7. Project/Activity
8. Make a mini Python project (any one):
9. Student Marksheet Calculator
10. ATM Simulation
11. Simple Quiz Game
12. Creative Task
13. Prepare a Mind Map / Chart on “Applications of Python in Real Life”.

IP
.....

<https://drive.google.com/file/d/1z73-k1YgfP3WYvGGXjTWpXsGA4CwQOjV/view?usp=sharing>

CLASS: XI | SUBJECT: INFORMATICS PRACTICES (065)
Academic Session: 2026–27

General Instructions:

1. Complete all written work neatly in your Informatics Practices notebook.
2. Write and execute Python programs wherever required.
3. Attach screenshots or write the outputs of the programs.
4. Complete the project work individually.

Section A: Python Fundamentals

Q1. Answer the following questions:

1. Define a variable in Python. Give two examples.
2. Differentiate between a keyword and an identifier.
3. Explain the difference between mutable and immutable data types.
4. What are the different data types in Python?
5. Differentiate between input() and print().
6. Explain the use of type conversion with examples.

Q2. Predict the output of the following Python statements:

```
a = 15
b = 4
print(a // b)
print(a % b)
print(a ** 2)
x = "Informatics"
print(x[0])
print(x[-1])
print(x[2:6])
```

Section B: Practical Programming

Write, execute and record the output of the following Python programs:

1. Write a program to input two numbers and display their sum, difference, product and quotient.
2. Write a program to calculate the area of a rectangle.
3. Write a program to input marks in five subjects and calculate the total and percentage.
4. Write a program to convert temperature from Celsius to Fahrenheit.
5. Write a program to check whether a number is even or odd.
6. Write a program to find the largest of three numbers.
7. Write a program to calculate simple interest.
8. Write a program to count the number of characters in a given string.

Section C: Database Management System (DBMS)

Answer the following questions:

1. Define a database and DBMS.
2. State any four advantages of using a DBMS.
3. Differentiate between a primary key and a candidate key.
4. What is a relational database?
5. Define a table, record and field.
6. Explain any four SQL data types.
7. Write SQL commands to create a database named School and a table named Student with the fields RollNo, Name, Class and Marks.

Section D: SQL Practical Work

Consider the following table:

STUDENT

RollNo	Name	Class	Marks
--------	------	-------	-------

1	Aman	XI	85
2	Riya	XI	92
3	Mohit	XI	74
4	Neha	XI	88
5	Karan	XI	67

Write SQL queries to:

1. Display all records from the table.
2. Display the names and marks of all students.
3. Display students scoring more than 80 marks.
4. Display students in descending order of marks.
5. Display the names of students scoring between 70 and 90 marks.
6. Insert one new student record.
7. Update the marks of a student.
8. Display the maximum and minimum marks.

Section E: Project / Activity

Mini Project: Student Marks Management System

Prepare a project using Python and, where feasible, SQL.

Your project should include:

- Title and objective
- Description of the problem
- Input of student details and marks
- Calculation of total and percentage
- Display of student results
- Python source code
- Sample output and conclusion

Alternative Activity: Prepare a chart or digital presentation on “*Applications of Informatics Practices in Everyday Life*”, covering education, healthcare, banking, transportation and communication.

Submission Guidelines

- Submit the completed notebook and practical work on the first working day after the autumn break.
- Write your name, class and roll number on the project.
- Ensure that programs are properly indented and outputs are recorded.
- Revise the concepts covered in class for the next assessment.

ARTIFICIAL INTELLIGENCE

Section A – Research & Writing

Prepare a handwritten report (4–5 pages) on “Applications of Artificial Intelligence in Everyday Life”.

Include at least 5 fields (e.g., Healthcare, Education, Finance, Agriculture, Entertainment).

Support with real-world examples, newspaper clippings, or online references.

Write a short note (1 page each) on the following AI concepts:

Machine Learning (ML)

Natural Language Processing (NLP)

Computer Vision

Expert Systems

Section B – Practical & Hands-on

Create a simple Python program (any one):

Chatbot using if-else conditions

AI-based number guessing game

Sentiment analysis using predefined words (positive/negative)

Explore Teachable Machine (by Google) or any AI web tool.

Train a simple model (e.g., recognizing hand gestures or sounds).

Take screenshots and paste them in your homework file.

Section C – Creative Work

Design an AI Poster or Infographic on the theme:

“AI – Friend or Foe?”

Use A4 sheet or digital tools (Canva, PowerPoint).

Write a poem, slogan, or short story (150–200 words) imagining life in 2050 with AI.

Section D – Higher Order Thinking

Case Study: Read about ChatGPT, Gemini, or Copilot.

Explain how these Generative AI tools are changing Education & Workplaces.

Write advantages and possible risks in your own words (1–2 pages).

Prepare 10 Multiple Choice Questions (MCQs) with answers from your AI textbook or NCERT.

✓ Instructions for Submission:

Do all work neatly in a separate notebook/folder.

Use diagrams, flowcharts, and real-life examples wherever possible.

Homework will be assessed on originality, creativity, and effort.

ACCOUNTS

Book Reference: Accountancy – By D.K. Goel

Make a separate register and solve the following illustrations and unsolved questions . Also practice MCQs and objective type questions given at the end of every chapter.

1. Accounting Equation: Illustrations and question no. 5, 6, 8, 13, 14, 15
2. Journal: : Illustrations and question no. 9, 11, 12, 13, 15(A), 15(B), 16, 19, 20, 21, 22
3. Accounting for GST: Illustrations and question no. 3, 4
4. Cash Book: : Illustrations and question no. 6, 7, 8, 9, 10, 11, 17
5. Special Purpose Subsidiary Books: : Illustrations and question no. 1, 4
6. Trial Balance: Illustrations and question no. 8, 9
7. Rectification of Errors: Illustrations and question no. 3, 4, 6, 8, 12 to 16, 21
8. Bank Reconciliation Statement: : Illustrations and question no. 3, 4, 7, 8, 10, 11, 13, 14
9. Depreciation: Illustrations and question no. 3, 4, 6, 13, 15, 17
10. Solve the Practice Paper (will be shared in class group).

Solve the practice paper in notebook (practice paper will be shared in class group) Learn the following important chapter wise topics:

Chapter 1: Evolution & Fundamentals of Business

1. What is Business? Features of business.
2. Objectives of business.
3. Distinction between Business, Profession & Employment.
4. Business Risk – Nature & Causes.
5. Auxiliaries to Trade.

Chapter 2: Forms of Business Organisations

1. Joint Stock Company – Features, 3 Merits, 3 Demerits.
2. Joint Hindu Family Business – Features.
3. Partnership – Features, 3 Merits, 3 Demerits.
4. Partnership Deed & Contents.
5. Registration of Partnership & legal consequences.
6. Difference among all forms of business organizations.
7. Privileges of a Private Co. over a Public Co.
8. Documents required for the formation of a company.
9. Memorandum of Association (MOA) & Clauses.
10. Difference between MOA & AOA.

Chapter 3: Private, Public & Global Enterprises

1. Departmental Undertakings (5 Features, 3 Merits, 3 Demerits).
2. Statutory Corporations (5 Features, 3 Merits, 3 Demerits).
3. Government Companies (5 Features, 3 Merits, 3 Demerits).
4. Global Enterprises (5 Features, 3 Merits, 3 Demerits).
5. Joint Ventures & 5 Merits.

Chapter 4: Business Services

1. Benefits of E-Banking to Customers & Banks.
2. Principles of Insurance with examples.
3. RTGS & NEFT.
4. Types of Bank Accounts.

Chapter 5: Emerging Modes of Business

1. Scope of E-Business (B2B, B2C, C2C, Intra-B).
2. Benefits of E-Business.

Chapter 6: Social Responsibilities of Business & Business Ethics

1. Social Responsibility towards different interest groups.
2. Business Ethics & Elements.

3. Cases in favour of Social Responsibility.
4. Role of Business in Environment Protection.

Chapter 7: Sources of Business Finance

1. Equity Shares (Meaning & Features).
2. Preference Shares (Meaning & Features).
3. Retained Earnings (Meaning & Features).
4. Debentures (Meaning & Features).
5. Comparative differences: Shares vs. Debentures, Equity vs. Preference Shares, Owner & #39;s Funds vs. Borrowed Funds.

Chapter 8: Small Business & Entrepreneurship

1. Entrepreneurship & Characteristics.
2. Ways to fund a Startup.
3. Startup India Scheme.
4. Intellectual Property Rights (IPR).
5. Classification of Small Scale Enterprises as per MSMED Act, 2006.
6. Role of Small Business in India.
7. Role of Small Business in Rural India.
8. Problems of Small Business.

ECONOMICS

Learn and revise following questions

- Q. 1 Define production function
- Q2. Difference between fixed and variable factors with example of each
- Q3. Define short run and long term time period
- Q4. Define Total production average production and marginal production
- Q5. Explain law of variable proportion or returns to a factor using figure and table
- Q6. Explain three stages of returns to a factor
- Q7. Explain causes of increasing and diminishing returns to a factor
- Q8. Explain relationship between average and marginal production .use figure.
- Q9. Relationship between Total production and marginal production. use figure
- Q10. Solve the Numerical of production function
- Q11. Define Cost and Cost function
- Q12. What is explicit cost and implicit Cost. Make difference
- Q13. Define economic Cost and opportunity cost
- Q14. Define total fixed Cost , Total variable cost and total cost and their relationship with table and figure
- Q15. Define average fixed , cost average variable cost and average cost and their relationship with table and figure.
- Q16. What is the relationship between average cost and marginal cost use figure.

Q17. What is the relationship between average variable cost and marginal cost use figure.

Q18 Relationship between total cost total variable cost and marginal cost use figure.

Q19. Reason of U shape of AC and MC curves

Q20. Do practice of numerical of cost.

Q21. Learn features, uses merits and Demerits of Arithmetic mean, median and Mode

Q22. Do practice of Numerical of Mean, median and Mode

Q23. Do. Practice of Numerical of Elasticity of Demand

All the student complete your project work assigned by the class teacher.

GEOGRAPHY

Practice the following questions -

1. Explain the concept of Areal Differentiation & as a primary objective of geographical studies.
2. Distinguish between Physical Geography and Human Geography, highlighting their primary Elements of concern.
3. Give a comprehensive, explanatory note on the Big Bang Theory & regarding the origin and evolution of our universe, highlighting its major operational stages
4. Explain how volcanic activity acts as a direct source of information about the Earth's interior, and mention its major limitation.
5. What are shadow zones? Draw a neat, labeled structural diagram to show the difference between the shadow zone of P-waves and S-waves.
6. Trace the geological journey of the Indian Plate from its separation from Gondwanaland to its collision with the Eurasian Plate. Highlight the major landscape changes that resulted from this movement.
7. Describe the three distinct processes through which wind drives erosion in hot deserts.

OR

Explain how a Mushroom Rock is sculpted in a desert ecosystem, highlighting the differential rates of wind abrasion.

HISTORY

- Q1:- Make a project choosing topic of your own choice depending on chapter of your book. The topic should be under following headings: - Synopsis, Data /Chart /Maps, Presentation, Analysis, conclusion and Bibliography.
- Q2:- Revise the chapter which are coming in H /Y.
- Q3:- Complete your work regarding Notes, Mind Maps, and Exercise up to Changing Cultural traditions.
- Q4. Visit National Museum and National Archive and prepare a report on it.
- Q:- How can you relate feudalism in Europe and zamindari system.

CLASS – XII

HINDI

केंद्रीय विद्यालय क्रमांक 2 दिल्ली छावनी
शरद कालीन अवकाश गृह कार्य

कक्षा बारहवीं हिंदी

1. निर्देशानुसार किसी एक विषय पर परियोजना कार्य कीजिए। (परियोजना कार्य फाइल में करना है।)

क. कहानी और नाटक

संकेत बिंदु- समानता, विषमता, कहानी का नाट्य रूपांतरण, नाटक की आवश्यकता और महत्व, नाटक के तत्त्व, आज के समय में नाटक की प्रासंगिकता

(अनुक्रमांक 01 से लेकर 10 तक के विद्यार्थियों के लिए)

ख. समाचार

संकेत बिंदु - परिभाषा, समाचार के तत्त्व, कार्य, समाचार की लेखन शैली, प्रभाव, आवश्यकता और महत्व।

(अनुक्रमांक 11 से लेकर 20 तक के विद्यार्थियों के लिए)

ग. पत्रकारीय लेखन

संकेत बिंदु - पत्रकार के प्रकार पत्रकार लेखन के क्षेत्र लेखन की विशेषता पत्रकार लेखन अन्य प्रकार के लेखन से किस प्रकार भिन्न

(अनुक्रमांक 21 से लेकर 30 तक के विद्यार्थियों के लिए)

घ. रेडियो नाटक

संकेत बिंदु - परिभाषा, इतिहास, रेडियो नाटक की विशेषता, रेडियो नाटक नाटक से किस प्रकार भिन्न, रेडियो नाटक लिखे जाते समय ध्यान रखने योग्य बातें।

(अनुक्रमांक 31 से लेकर 50 तक के विद्यार्थियों के लिए)

*सभी विद्यार्थी सीबीएसई द्वारा उपलब्ध कराए गए किसी एक आदर्श प्रश्नपत्र को हल करें।



ENGLISH

<https://drive.google.com/file/d/1bmJl2Xt-d2cOoUxrYjZfGZjse2eFs2Wo/view?usp=sharing>

MATHS

https://drive.google.com/file/d/1zV_tGshzRBKHT2Y9PCjoNf2JUMC6BZGi/view?usp=sharing



XII Mathematics Autumn Break Homework.pdf

PHYSICS

Instructions:

1: Do holiday homework in class register.

2: Do not forget to write units at proper places and in answer.

Q1. Do all the Monthly Test papers and Periodic test Papers from April 2026 to September 2026 in your class register.

Q2. Complete your class notes, solved examples, Blue questions, and Back exercise Questions of Chapters 08, 09, 10 AND, 11 in your class register/Home work register.

Q3. Complete your practical notebooks.

Q4. Do six activities given below in your activity file three from section A and three from section B. (SECTION A)

ACTIVITY NO 1

: To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.

ACTIVITY NO 2

To assemble the components of a given electrical circuit.

ACTIVITY NO 3

To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram

(SECTION B)

ACTIVITY NO 1

To identify a diode, an LED, a transistor, an IC, a resistor and a capacitor from a mixed collection of such items.

ACTIVITY -2

To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.

ACTIVITY -3

To observe diffraction of light due to a thin slit.

Q5. Complete your Project work (and check the topic with your teacher).

Q6. Do Daily five questions of Competency based questions per day.

Q7. Make a word file of competency based question as per chapters allotted to the students. (Assertion reasoning, case based study MCQ etc)

Q8. Do CBSE Sample Papers 2024-25 , 2025-26 AND 2026-27.

Q9. Do CBSE Question Papers of last five years.

CHEMISTRY

1) Complete all ques (exercise and intext) of all taught chapters, from NCERT textbook in HW chemistry notebook:

2) Do all previous year board ques (year 2024-2026) of all taught chapters in chemistry HW notebook

3) Prepare investigatory project file for AISSCE-2027 under the title of:

- Certificate • Acknowledgement • Introduction • Why I selected this project
- Details of the project (research related to the topic) • Experiment (detailed manner including procedure) • Observations & Analysis • Result • Bibliography (mention the links)

4. Practice for the following topics in chemistry notebook:

a) Do all naming reaction given in Organic Chemistry of NCERT textbook.

b) Do all mechanism of chapter Alcohol Phenol and Ether

5. Some additional ques for practice in chemistry notebook:

i) 0.5g of KCl was dissolved in 100g of water and the solution originally at 20 °C froze at -0.24 °C. Calculate the percentage

ionization of the salt. K_f for water is $1.86 \text{ K Kg mol}^{-1}$

ii) For what concentration of Ag^+ (aq). will the emf of given cell be zero at 25 °C . if the concentration of

$\text{Cu(s)} \mid \text{Cu}^{2+} (0.1\text{M}) \parallel \text{Aa}^{+}$

(aq.) $1\text{Ag(s)} \mid \text{Ag}^{+} / \text{Ag} = 0.80\text{V}$; $E^{\circ} \text{Cu}^{2+}/\text{Cu} = 0.34\text{V}$.

iii) Explain the variation of Molar conductivity with concentration of electrolyte. Also explain the reason for different graph for strong and weak electrolyte.

iv) The vapour pressure of pure liquids A and B are 450 and 750 mm Hg respectively, at 350K. Find out the composition of the liquid mixture if total vapour pressure is 600 mm Hg. Also find the composition of the vapour phase.

v) Explain cell with its type. Write anodic cathodic and overall reaction of Dry cell, Lead Accumulator cell and Fuel cell. How fuel cell is better than chemical cell.

vi) Determine the correct order of the property mentioned against them:

a. 10% glucose (p1), 10% urea (p2), 10% sucrose (p3) [Osmotic pressure]

b. 0.1 m NaCl, 0.1 m urea, 0.1 m MgCl_2 [Elevation in b.pt.]

c. 0.1 m CaCl_2 , 0.1 m sucrose, 0.1 m NaCl [Depression in f.pt.]

vii) The electrical resistance of a column of 0.05 M NaOH solution of diameter 1 cm and length 50 cm is $5.55 \times 10^3 \text{ ohm}$.

Calculate its resistivity, conductivity and molar conductivity.

viii) Directions: These questions consist of two statements, each printed as Assertion and Reason. While answering these

questions, you are required to choose any one of the following four responses.

(a) If both Assertion and Reason are correct and the Reason is a correct explanation of the Assertion.

(b) If both Assertion and Reason are correct but Reason is not a correct explanation of the Assertion.

(c) If the Assertion is correct but Reason is incorrect.

(d) If both the Assertion and Reason are incorrect.

i) Assertion : The resistivity for a substance is its resistance when it is one meter long and its area of cross section is one square meter.

Reason : The SI units of resistivity is ohm metre (m).

ii) Assertion : On increasing dilution, the specific conductance keep on increasing.

Reason : On increasing dilution, degree of ionisation of weak electrolyte increases and molality of ions also increases.

iii) Assertion : Galvanised iron does not rust.

Reason : Zinc has a more negative electrode potential than iron.

COMPUTER SCIENCE

1. Theory Work
 - a. Prepare notes on:
 - b. Functions and File Handling in Python.
 - c. SQL commands (DDL, DML, DQL) with examples.
 - d. Networking Concepts: Topologies, Protocols, IP Address, Cloud Computing.
2. Practical Work (Python + MySQL)
3. Write and execute Python programs:
4. Store and retrieve student records using a dictionary.
5. Count frequency of words in a text file.
6. Read a CSV file and print records.
7. Connect Python with MySQL and display employee data.
8. Menu-driven program for library management (add, display, search book records).
9. SQL Exercises
10. Write SQL queries on a table Student(RollNo, Name, Marks, Grade, City):
11. Display all students from 'Delhi'.
12. Find average marks.
13. Display students in descending order of marks.
14. Update grade of students with marks > 90 as 'A+'.
15. Count students city-wise.
16. Project/Activity
 - a. Prepare a Mini Project (Python + MySQL) (any one):
 - b. Library Management System
 - c. Hospital Database Management
 - d. Online Quiz System



PREPARE A PRACTICAL FILE & PROJECT AS PER THE INSTRUCTIONS GIVEN BELOW-

1. Practical List

1.1 Data Handling

1. Create a panda's series from a dictionary of values and a ndarray
2. Given a Series, print all the elements that are above the 75th percentile.
3. Create a Data Frame quarterly sales where each row contains the item category, item name, and expenditure. Group the rows by the category and print the total expenditure per category.
4. Create a data frame for examination result and display row labels, column labels data types of each column and the dimensions
5. Filter out rows based on different criteria such as duplicate rows.
6. Importing and exporting data between pandas and CSV file

1.2 Visualization

1. Given the school result data, analyses the performance of the students on different parameters, e.g subject wise or class wise.
2. For the Data frames created above, analyze, and plot appropriate charts with title and legend.
3. Take data of your interest from an open source (e.g. data.gov.in), aggregate and summarize it. Then plot it using different plotting functions of the Matplotlib library.

1.3 Data Management

1. Create a student table with the student id, name, and marks as attributes where the student id is the primary key.
2. Insert the details of a new student in the above table.
3. Delete the details of a student in the above table.
4. Use the select command to get the details of the students with marks more than 80.
5. Find the min, max, sum, and average of the marks in a student marks table.
6. Find the total number of customers from each country in the table (customer ID, customer Name, country) using group by.
7. Write a SQL query to order the (student ID, marks) table in descending order of the marks.

ARTIFICIAL INTELLIGENCE

Section A – Research & Writing

Prepare a handwritten report (4–5 pages) on “Applications of Artificial Intelligence in Everyday Life”.

Include at least 5 fields (e.g., Healthcare, Education, Finance, Agriculture, and Entertainment). Support with real-world examples, newspaper clippings, or online references.

Write a short note (1 page each) on the following AI concepts:

Machine Learning (ML)

Natural Language Processing (NLP)

Computer Vision

Expert Systems

Section B – Practical & Hands-on

Create a simple Python program (any one):

Chabot using if-else conditions

AI-based number guessing game

Sentiment analysis using predefined words (positive/negative)

Explore Teachable Machine (by Google) or any AI web tool.

Train a simple model (e.g., recognizing hand gestures or sounds).

Take screenshots and paste them in your homework file.

Section C – Creative Work

Design an AI Poster or Infographic on the theme:

“AI – Friend or Foe?”

Use A4 sheet or digital tools (Canva, PowerPoint).

Write a poem, slogan, or short story (150–200 words) imagining life in 2050 with AI.

Section D – Higher Order Thinking

Case Study: Read about ChatGPT, Gemini, or Copilot.

Explain how these Generative AI tools are changing Education & Workplaces.

Write advantages and possible risks in your own words (1–2 pages).

Prepare 10 Multiple Choice Questions (MCQs) with answers from your AI textbook or NCERT.

✓ Instructions for Submission:

Do all work neatly in a separate notebook/folder?

Use diagrams, flowcharts, and real-life examples wherever possible.

Homework will be assessed on originality, creativity, and effort.

BIOLOGY

1. Learn thoroughly, the important points and terms of all chapters discussed in the class.
2. Go through the CBSE sample papers in biology. Practice questions from the board papers of the last 5 years. Also go through the Competency based questions in biology.
3. Put a green cover on your biology practical files.
4. Complete the investigatory project in Biology for final submission. It must contain the case study/ Interview / Questionnaire / statistical data as per the topic.
5. Practice labeled diagrams (along with the functions of the parts labeled) and graphs from the NCERT textbook.
6. Thoroughly go through the answers of the selected questions from each chapter sent in the WhatsApp group.

ACCOUNTS

1. Make a separate register and solve CBSE Papers March-2026 & July -2026. (PDFs will be shared in class group)
2. Solve one Practice Paper. (PDF will be shared in the class group).
3. Learn the Heads and Sub heads of Balance Sheet and Statement of Profit and Loss.
4. Learn the formulae of various ratio.
5. Collect the information regarding Accountancy Project work.

BST

1. Make a separate register and solve CBSE Papers March-2026 & July -2026. (PDFs will be shared in class group)
2. Solve one Practice Paper. (PDF will be shared in the class group).
3. Prepare BST project file as per instructions given in the class.
4. Learn Chapter wise Key words.

ECONOMICS

- 1 National Income Accounting (Theories)
- 2 Derive the relationship between GDP at Market Price and National Income at Factor Cost using a flow diagram. Explain the significance of each adjustment.
- 3 Suppose $GDPMP = ₹3,000$ crore, $NIT = ₹200$ crore, Depreciation = ₹150 crore, $NFIA = -₹50$ crore. Calculate $NNPFC$ and
- 4 interpret what it represents for the economy.
- 5 Explain why transfer payments are excluded from national income but imputed rent of owner-occupied houses is included.
- 7 Explain steps of Finding National Income accounting by income , expenditure and value added
- 8 method.
- 9 Critically analyze why GDP may not be a good indicator of welfare using at least three reasons
- 10 supported by examples.
- 11 2.Money & Banking
- 12 Explain the functions of Money. Also explain the concepts of Money Supply with its Components.
- 13 Explain with example how commercial banks create credit through the process of multiple deposit expansion.
- 14 Discuss the role of Monetary Policy instruments (quantitative and qualitative) in controlling inflation. Which one is more effective in a developing economy like India?
- 15 Explain function of Central Bank. As Issuing notes, bankers Bank, Banker to Govt.
- 16 Discuss the impact of demonetization (2016) on money supply, liquidity, and banking behavior using concepts of high-powered money and money multiplier.
- 17 Government Budget
- 18 Differentiate between revenue deficit, fiscal deficit, and primary deficit. Which is most critical for macroeconomic stability and why?
- 19 Classify the following into revenue/capital receipts or revenue/capital expenditure with reasons:
- 20 Borrowings (b) Interest payments (c) Grants-in-aid from Centre to States (d) Loan recovery.
- 21 What are the Objectives of Govt. Budget. Explain main 3 objectives .
- 22 What is the difference between Revenue Receipts and Capital Receipts. Explain with Example
- 23 What is the difference between Revenue Expenditure and Capital Expenditure.Explain with Example.
- 24 Balance of Payments (BOP)
- 25 Explain why BOP always balances in accounting sense but may still reflect a deficit or surplus in economic sense.
- 26 Differentiate between current account and capital account with examples.
- 27 What is the Difference between BOP and BOT..
- 28 What is the difference between Autonomous and Accounting Items of BOP.

- 29 Foreign Exchange
- 30 Explain how demand and supply of foreign exchange determine equilibrium exchange rate under a flexible exchange rate regime.
- 31 Discuss the impact of rupee depreciation on exports, imports, inflation, and BOP. Use diagram to show shift in forex market equilibrium.
- 32 Analyze the role of RBI in stabilizing exchange rate using intervention and sterilization
- 33 Critically discuss the difference between fixed, flexible, and managed floating exchange rate systems with examples of countries following each system.
- 34 Complete ur project work assigned in Holiday Home Work.
- 35 Solve Previous year Board Questions
- 36 Revision of Following chapters of IED
- 37 Indian Economy on Eve of Independence
- 38 Economic planning 1950-1990
- 39 New Economic policy 1991
- 40 Human Capital Formation.

HISTORY

- 1. Solve sample papers of last five years.
- 2. Make 10 assertion and reason questions from each chapter.
- 3. Learn and revise all practice questions along with all important topics including objective questions discussed in classroom.
- 4. Practice Map Locations on the outline Map of India.
- 4. Complete your Project on any of your choice topic in all respects.

GEOGRAPHY

- 1. Learn all chapters completed till Half Yearly exam.
- 2. Practice and paste all maps from Fundamentals of Human Geography.
- 3. Practice and paste all maps from India : People and Economy.
- 4. Complete your practical book.