HISTORY:-

1. Timeline Chart : Create Timeline Chart with 10 major events on Mesopotamia and Roman empire.

2. Essay : Legacy of the Roman Empire - In about 250–300 words, write how Roman law, architecture, or culture still influences modern society.

3. Map Activity : Expansion of the Mongol Empire - On a world map, color and label the empire under:
   - Genghis Khan (till 1227)
   - Kublai Khan (peak extent)
   - Include cities like Karakorum, Samarkand, Baghdad, Beijing Use arrows to show routes of conquest.

4. Visual Summary Chart : Make a chart with 5 boxes titled: Cities, Temples, Writing, Trade and Society
   Add 1–2 keywords, 1 fact, and a small illustration in each.

POLITICAL SCIENCE:-

1. Timeline: Making of the Constitution : Prepare a timeline of key events from 1934 to 1950, including:
   - Cabinet Mission
   - Constituent Assembly formation
   - Drafting Committee
   - Adoption on 26 November 1949

2. Case Study Analysis : Fundamental Rights(F.R) - Pick any 2 recent news headlines related to F.R –
   -Identify which right is involved
   - Briefly describe the issue
   - Express your opinion in 4–5 lines

3. Chart : Make a chart of elections and governments in India since 1952. The chart could have the following columns: year of election, name of the winning party, name of ruling party or parties, name of the Prime Ministers.

4. Flow Chart: Types of Executive -Create a flow chart showing Presidential, Semi Presidential and Parliamentary Executives
   - Composition
   - Powers
   - Interrelationship

PHYSICAL EDUCATION:-

RECORD PRACTICAL FILE :
 1. SAI KHELO INDIA TEST
 2. BODY MASS INDEX (Calculation of BMI)
 3. FLAMINGO BALANCE TEST
 4. COORDINATION TEST
 5. PARTIAL CURL- UP
 6. PUSH UPS FOR BOYS
 7. MODIFIED PUSH UPS FOR GIRLS
 8. 50m DASH OR 50m STANDING START
 9. 600m RUN / WALK
10. SIT AND REACH FOR FLEXIBILITY
11. HARVARD STEP TEST
12. PROFICIENCY IN GAME AND SPORTS   (skill of any one IOA recognised sports/ game of choice)
13. FIVE ASANAS FOR EACH LIFESTYLE DISEASE

ECONOMICS:-

1. Write summary of annual budget of the country 2024-25
2. Write any ten schemes which have been launched by Prime minister in the year of 2024-25.
3. Write 10-10 name of countries under capitalist, socialist and mixed economy.
4. What is the effect of 'Operation Sindoor ' on the PPC of Indian Economy. (In detail)

<u>हिन्दुस्तानी संगीत गायन:-</u>

1. तीनताल व एकताल का परिचय (ठाह , दुगुन, तिगुन , चौगुन सहित लिखिए ।

2. प. विष्णु दिगम्बर पलुस्कर का जीवन परिचय व उनका संगीत में योगदान लिखिए।

3. तानपुरे का चित्र नाम सहित लिखिए ।

4. वर्तमान के ख्याल गायक व ध्रुपद गायक के नाम लिखिए ।

ENGLISH:-

Attempt all questions in a neat and presentable manner. Use separate sheets if required. Submit on the first day after the holidays.

Literature-Based Tasks :

1. Read the chapter 'The Portrait of a Lady' and write a character sketch of the grandmother.
2. Compare the themes of A Photograph and The Laburnum Top in 150–200 words.
3. Write a summary of The Summer of the Beautiful White Horse in your own words.
4. Imagine you are the narrator from We're Not Afraid to Die.... Write a diary entry describing your emotions during the storm.
5. Explain the symbolism in the poem The Voice of the Rain in 100–150 words.

Writing Skills :

1. Write an article on the topic: "The Impact of Social Media on Youth" (150–200 words).
2. Draft a speech on "Importance of Mental Health for Teenagers" for the school assembly.
3. Write a formal letter to the editor of a national newspaper expressing concern over rising pollution in your city.
4. Write a report on a cultural event held in your school recently (Word limit: 150–200 words).
5. Compose a story beginning with the line: "It was a cold, silent night when I heard a knock at the door…"

Creative & Project Work :

1. Create a comic strip or storyboard illustrating a scene from any one chapter in Hornbill.
2. Prepare a character diary for any one major character from Snapshots (3–4 diary entries).
3. Choose any one poem from your syllabus and create a visual interpretation (drawing/painting) with a short explanation.
4. Watch a movie adaptation or documentary related to any literary theme in your syllabus and write a review (200 words).
5. Make a vocabulary notebook: List 25 new words from the textbook with meanings and example sentences.

I.P.

1. Write and Explain any five data type in python.
2. Write the uses of brackets in python program.
3. Why digital work is better than manual work ? Justify your answer in detail.
4. Write about any twenty stream of computer science in which humans are doing their job.
5. Write any ten functions of python program and describe their uses.

MATHS:-

1. Find the Domain and range: $\sqrt{4-x^2}$
2. If G={7,8} H={5,4,2} find the Cartesian product(G x H)
3. Write the set A={2,4,8,16,32} into set-builder form.
4. Find the domain of the function f(x)=$\frac{1}{x+2}$.
5. Find the MUltipicative inverse of Z = 3 - 5i .
6. Solve inequalities for real x: $\frac{x}{3} > \frac{x}{2} + 1$.

7. Convert $(1-i)^4$ into a+ib form
8. Find the multiplicative inverse: of z= $\sqrt{5}$ + 3i
9. A={1,2,3,4,5} B={3,5,8,15}   C= {6,7,9,11}   find A∩ $(B \cap C)$.

10. Let f={(1,1),(2,3),(0,-1)(-1,-3)} be a function form Z to Z defined by f(x)=ax+b, for some integers a,b. Determine a,b.
11. Solve the inequalities on the number line x/2 > 5x-2)/3-(7x-3)/5

12. Determine the Domain and Range of relation R Defind by R={x,x+5} : x∈{0,1,2,3,4,5}
13. If $\left(\frac{1+i}{1-i}\right)^m = 1$ Find the value of m.
14. Find the Domain and Range $\sqrt{9-x^2}$

15. If a+ib = $\frac{(x+i)^2}{2x^2+1}$ $prove\ that$ $a^2 + b^2 = \frac{(x^2+1)^2}{(2x^2+1)^2}$
16. Let A={1,2,3,........,14}.Define a relation R from A to A by R={(x,y):3x-y=0,where x,y ∈ A, Write the domain, codomain and range.
17. A solution of 9% acid is to be diluted by adding 3% acid solution to it .The resulting mixture is to be more than 5% but less than 7% acid. If there is 460 litre of 9% solution, how many litres of 3% solution will have to be added.
18. If A ={ 2,4,6,8} and B={3,6,9,8} and C ={3,6,,12,15} then find (AUB) – C and   AUBUC.
19. If A ={ 1,3,5,7,9} B = { 2,3,4,5,6,7} C = {8,6,5,3,2,1} find A – B , B- C , A – C
20. Ravi obtained 70 and 75 marks in first two unit test. Find the minimum marks he should get in the third test to have an average of at least 60 marks.