SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA
Class – 12th (All Subjects Assignment)
Date – 04.09.2025

History-

Instructions: Write these questions in your notebook.

Answer the following questions according to their marks.

You have to submit this work after the opening of school to your subject teacher.

1. Which of the following can encourage commerce and import of horses, elephants, precious gems, and the export of sandalwood and pearls? 1 Mark
a. Improving the harbours   b. Looking after sailors
c. Increasing army   d. Conducting competitions

2. Assertion (A): The king should work to improve his kingdom's harbours. 1 Mark
Reason (R): To boost trading and enhance state income, it is vital to attract a larger number of foreign traders.
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.

2. The teacher asked the students to enlist the responsibilities of King as mentioned by Krishnadeva Raya. The students replied as follows: 1 Mark
Gaurav: The king promotes trade. Encourages the development of trade facilities. He also checks that import and export regulations are followed.
Rakesh: Make the merchants of distant foreign countries be attached himself by providing them with the daily audience, presents and allowing decent profits.
Kavya: They were entrusted with the collection of the taxes, and superintended the occupations connected with land. Who gave the incorrect answer?
a. All of these   b. Gaurav   c. Rakesh   d. Kavya

3. Describe the various causes responsible for the downfall of the Vijayanagar Empire.   8 Marks

Political Science-

Q1. How are international organisations helpful to the Nations?   4 marks

Q2. "The UN is an imperfect body but without it' the word would be worse off," Explain the statement.
4 marks

Q3. What is veto power? Which member nations of the UN security council enjoy this special power and why?   4 marks

Economics-

Instructions:

Answer all the questions neatly in your Economics Notebook.

1. Define the following terms:
   i. Tarrifs
   ii. Quota
   iii. Land ceiling
   iv. Marketed Surplus
2. Discuss briefly the rationale behind choosing 'Modernization ' as a planning objective for the Indian economy.
3. "In order to protect domestic industries, India followed the regime of restrictions on imports." Briefly outline and discuss such steps taken by the government to promote import substitution policy.
4. "Every coin has two sides- debate over farm subsidies is one such classic example of the same." Justify the given statement with two arguments each in favour of and against the continuation of farm subsidies.
5. Direct and active participation of the state was considered essential in Industrial development process in period 1950-1990."Justify the given statement with valid explanation.

Maths-

- Do all the work in Fair Notebook day wise in neat and clean handwriting.

1. The volume of a sphere is increasing at the rate of 8 cm^3/s. Find the rate at which its surface area is increasing when the radius of the sphere is 12 cm.

2. Find the intervals in which the function
$f(x) = \dfrac{x^4}{4} - x^3 - 5x^2 + 24x + 12$ is
(i) strictly increasing
(ii) strictly decreasing.

3. Find the value(s) of x for which $y = [x(x - 2)]^2$ is an increasing function.

4. If A is a square matrix such that $A^2 = I$, then find the simplified value of $(A - I)^3 + (A + I)^3 - 7A$.

5. If A is a square matrix such that $A^2 = A$, then write the value of $7A - (I + A)^3$, where I is an identity matrix.

Physics-
Every question contains 3 marks .
1. When does a coil's self-induction change?
    (a) A coil's number of turns is reduced.(1)
    (b) A rod made of iron is inserted into it. Justify.(2)
2. An alternating source of emf E = is connected in series with a coil of inductance L, capacitance C, and resistance R. (Eo sin wt). Write an expression for the:
    (a) circuit's overall impedance.(1)
    (b) source emf frequency at which the current-carrying circuit exhibits resonance.(2)
3. a) Ac supplies have a peak voltage of 300 V. What voltage is the RMS?(2)
(b) An ac circuit's RMS current value is 10 A. Which current is at its peak?(1)
4. Determine the series LCR circuit's resonance frequency with an R = 10, L= 2.0 H and C= 32 F. What is this circuit's Q-value?(3)

Chemistry-
General Instructions:
(i)Do all the questions on fair notebook.
(ii) Each question carries 3 marks.
1.Explain the following observations :
(i) Transition elements generally form coloured compounds.
(ii) Zinc is not regarded as a transition element.
2.Assign reasons for the following :
(i) Copper (I) ion is not known in aqueous solution.
(ii) Actinoids exhibit greater range of oxidation states than lanthanoids

Biology-
Each question carries 5 Marks.
1. Describe the role of microbes in sewage treatment.
2. Explain the steps of biogas production in a biogas plant with a neat diagram.
3. Discuss the role of microbes in industrial products (antibiotics, beverages, enzymes, organic acids).
4. Explain the use of microbes as bio-control agents with examples.
5. Write in detail about biofertilizers, giving at least three examples.

Physical Education-
1.What do you mean by eating disorder?   (3 Marks)
2.Write a short note on special Olympic bharat ?   (3 Marks)

Commercial Arts-
Instructions- Long answer type questions. Answer for these questions is expected in more than 200 words.
Q-1. Describe the role of Mughal-trained artists in the development of Guler paintings.   (3 marks)
Q-2. Who was the ruler during the origin of Kangra painting and what was its time period?   (3 marks)
Q-3. Name one important artist of Kangra School and mention his contribution.   (3 marks)
Q-4. How did Guler School serve as a transition period for Pahari miniature paintings?   (3 marks)

Q-5. Explain the relationship between Guler School and Kangra School. (3 marks)

Business Studies-

1. Rajesh is working as the Regional Sales Manager in XYZ Ltd. He ensures the implementation of plans received from top-level management. He also passes instructions to sales supervisors and ensures proper coordination.

Questions: (3 Marks)

Q.1 At which level of management is Rajesh working?

Q.2 State any two functions he is performing.

Q.3 Name the two other levels of management

2. Suhana noticed that in her father's company, all activities are goal-oriented. The employees work in teams, and every department coordinates with each other. She also saw the company achieving high profits consistently.

Questions: (6 Marks)

Q.1 Identify any three characteristics of management being highlighted.

Q.2 Is management a group activity? Justify your answer.

Accountancy-

Instructions:

Answer all the questions neatly in your Accountancy Notebook.

1. X, Y and Z were partners sharing profits and losses in the ratio of 1/2, 3/10, 1/5. Calculate the gaining ratio and new ratio if Z dies.

2. A, B, C and D were partners sharing profits and losses in the ratio of 5:4:3:2. A dies and B, C and D decided to share future profits and losses equally. Calculate the gaining ratio.

3. A, B and C were partners in a firm sharing profits and losses in the ratio of 1:2:1. C retires and he surrenders 2/3rd of his share in favour of A and the remaining in favour of B. Calculate the new profit sharing ratio.

4. P, Q and R were partners. Calculate new profit sharing ratio If continuing partners acquired his share in the ratio 2:3. Also mention the gaining ratio.

5. X, Y and Z were partners sharing profits and losses in the ratio of 2:2:1. Y dies and his share is entirely taken by Z. Calculate the new ratio.

6. L, M and N were partners sharing profits and losses in the ratio of 4:3:2 respectively. M retires/ dies and the goodwill is valued at Rs. 1,08,000. No goodwill exists in books of accounts. Pass necessary Journal entry for treatment of goodwill.

Punjabi-

ਕੁੱਲ -ਅੰਕ 10 ਅਖਾਣ

1 ਹੱਥਾਂ ਬਾਜ਼ ਕਰਾ ਰਿਹਾ ਵੈਰੀ ਮਿੱਤ ਨਾ ਹੋਏ (ਜੇਕਰ ਦੁਸ਼ਮਣ ਨਾਲ ਤਕੜੇ ਹੱਥੀ ਟੱਕਰ ਲਈ ਜਾਵੇ ਤਾਂ ਉਹ ਸੂਤ ਹੁੰਦਾ ਹੈ) ਦੁਸ਼ਮਣ ਗੱਲਾਂ ਬਾਤਾਂ ਜਾਂ ਨਰਮ ਨੀਤੀ ਨਾਲ ਨਹੀਂ ਬਣਦਾ ਸਗੋਂ ਉਸ ਨਾਲ ਤਕੜੀ ਟੱਕਰ ਲੈਣ ਦੀ ਲੋੜ ਹੁੰਦੀ ਹੈ ਇਸੇ ਲਈ ਤਾਂ ਕਹਿੰਦੇ ਹਨ ਹੱਥਾਂ ਬਾਜ ਕਰਾ ਰਹੇ ਹਾਂ ਵੈਰੀ ਮਿੱਤ ਨਾ ਹੋਏ ਪ੍ਰ

2 ਹਿੰਗ ਲੱਗੇ ਨਾ ਫਟਕੜੀ ਰੰਗ ਚੋਖਾ ਆਵੇ (ਮੁਫਤ ਮੁਫਤੀ ਕੰਮ ਹੋਣ ਤੇ ਆਖਦੇ ਹਨ)ਕਈ ਵਿਅਕਤੀ ਮਿੱਠਾ ਬੋਲ ਕੇ ਹੀ ਆਪਣਾ ਸਾਰਾ ਕੰਮ ਕਰਾ ਲੈਂਦੇ ਹਨ ਉਹਨਾਂ ਦੀ ਤਾਂ ਹਿੰਗ ਲੱਗੇ ਨਾ ਫਟਕੜੀ ਰੰਗ ਚੋਖਾ ਆਵੇ ਵਾਲੀ ਗੱਲ ਹੁੰਦੀ ਹੈ

3 ਕੱਲ ਕਰਨਾ ਸੋ ਅੱਜ ਕਰ ਅੱਜ ਕਰਨਾ ਸੋ ਹੁਣ ਉਮਰ ਹੱਡਾਂ ਨੂੰ ਖਾ ਗਈ ਜਿਉਂ ਲੱਕੜੀ ਨੂੰ ਘੁਣ (ਇਹ ਅਖਾਣ ਦੀ ਵਰਤੋਂ ਇਹ ਦੱਸਣ ਲਈ ਹੁੰਦੀ ਹੈ ਕਿ ਸਮਾਂ ਖਰਾਬ ਜਾਇਆ ਨਹੀਂ ਕਰਨਾ ਚਾਹੀਦਾ) ਸਾਨੂੰ ਆਪਣਾ ਸਮਾਂ ਵਿਹਲੇ ਰਹਿ ਕੇ ਨਸ਼ਟ ਨਹੀਂ ਕਰਨਾ ਚਾਹੀਦਾ ਸਗੋਂ ਕੰਮ ਵਿੱਚ ਲੱਗੇ ਰਹਿਆ ਚਾਹੀਦਾ ਹੈ ਸਿਆਣਿਆਂ ਨੇ ਠੀਕ ਠੀਕ ਕਿਹਾ ਹੈ ਕੱਲ ਕਰਨਾ ਸੋ ਅੱਜ ਕਰ ਅੱਜ ਕਰਨਾ ਸੋ ਹੁਣ ਉਮਰ ਹੱਡਾਂ ਨੂੰ ਖਾ ਗਈ ਜਿਉਂ ਲੱਕੜੀ ਨੂੰ ਘੁਣ

4 ਕੁੱਤਾ ਭੌਂਕੇ ਬੱਦਲ ਗੱਜੇ ਨਾ ਉਹ ਵੱਢੇ ਨਾ ਉਹ ਵਸੇ (ਭੌਂਕਣ ਵਾਲਾ ਕੁੱਤਾ ਘੱਟ ਵੱਢਦਾ ਹੈ ਤੇ ਗੱਜਣ ਵਾਲੇ ਬੱਦਲ ਘੱਟ ਵਰਦੇ ਹਨ ਆਪ ਜਿਆਦਾ ਰੌਲਾ ਪਾਉਣ ਵਾਲੇ ਕੰਮ ਘੱਟ ਕਰਦੇ ਹਨ) ਚੋਣਾਂ ਦੇ ਦਿਨਾਂ ਵਿੱਚ ਕਈ ਨੇਤਾ ਜਿਹੜੇ ਵਾਅਦੇ ਕਰਦੇ ਹਨ ਉਹ ਸਿਰਫ ਦਿਖਾਵੇ ਲਈ ਹੁੰਦੇ ਹਨ। ਅਤੇ ਉਹਨਾਂ ਵਿੱਚੋਂ ਬਹੁਤ ਘੱਟ ਪੂਰੇ ਹੁੰਦੇ ਹਨ ਉਹਨਾਂ ਦਾ ਕੁੱਤਾ ਭੌਂਕੇ ਬੱਦਲ ਗੱਜੇ ਨਾ ਉਹ ਵੱਢੇ ਨਾ ਉਹ ਵਸੇ ਵਾਲਾ ਹਿਸਾਬ ਹੁੰਦਾ ਹੈ

5 ਕੋਹ ਨਾ ਚੱਲੀ ਬਾਬਾ ਧਿਆਈ (ਜਦ ਕੋਈ ਥੋੜਾ ਜਿਹਾ ਕੰਮ ਕਰਕੇ ਹੀ ਥੱਕ ਜਾਵੇ ਤੇ ਬਹਾਨੇ ਲੱਭੇ)ਅਜੇ ਤਾਂ ਉਸਨੇ ਕੰਮ ਸ਼ੁਰੂ ਤੇ ਕੀਤਾ ਸੀ ਪਰ ਉਹ ਆਰਾਮ ਦੇ ਬਹਾਨੇ ਲੱਭਣ ਲੱਗਾ ਸੀ ਉਸ ਦਾ ਤਾਂ ਕੋਹ ਨਾ ਚੱਲੀ ਬਾਬਾ ਤਿਹਾਈ ਵਾਲਾ ਹਿਸਾਬ ਸੀ।

English-

Q1 The people in the story suddenly realise how precious their language is to them. What shows you this? Why does this happen?   5 Marks

Q2 "Promises made to poor children are rarely kept." Explain with reference to the lesson "Lost Spring".
                                                                                                        5 Marks

FMM-

Q.1 What is the difference between Investment and Speculation?   (5 Marks)

Q.2 List any 4 financial investment options.   (2 Marks)