SGJ DAV SEN. SEC. PUBLIC SCHOOL, HARIPURA
Class – 11th (All Subjects Assignment)
Date – 02.09.2025

History-

Instructions: Write these questions in your notebook.

Answer the following questions in 300-350 words.

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

1. "The Catholic Church had its own laws, owned lands given to it by rulers, and could levy taxes." Explain the statement in eight points with the reference of the first Order in medieval Europe.   8 Marks

2. "Expansion in agriculture was accompanied by growth in three related areas: population, trade and towns." Explain the statement with reference to the fourth order in eight points.   8 Marks

3. "Mesopotamia was a land of versatile geographical area", explain the statement with the help of eight points.   8 Marks

Political Science-

Q1. Write any six safeguards to ensure judicial independence in India?   6 marks

Q2. Analyse the Hierarchical structure of the Indian judiciary.   6 marks

Q3. Explain the different types of jurisdiction exercised by the supreme court of India. Why is the supreme court considered the guardian of the constitution?   6 marks

Geography-

Prepare mind maps / diagrams on the following topics -

1 Himalayan Rivers

2 Peninsular Plateau

3 Layers or Spheres of Earth

4 Peninsular Rivers

5 Island Groups of India

Economics-

Instructions:

Answer all the questions neatly in your Economics Notebook.

1. State 3 reason which give rise to the economic problem.
2. What is difference between Microeconomics and Macroeconomics
3. Distinguish between Positive economics and Normative economics.
4. Define Utility. Explain the law of Diminishing Marginal Utility.
5. Explain the relationship between Total Utility and Marginal Utility with the help of table and diagram.

Psychology-

Q.1 Write a note on Motor Development.   (4 Marks)

Q.2 Explain Infancy.   (5 Marks)

Maths-

Instructions

All Questions are compulsory.

Revise these questions in your notebook.

Each Question carry 2 Mark

Q1 If A = {1, 2, 3, 4}, B = {3, 4, 5, 6}, find:

A ∪ B

A ∩ B

A – B

B – A

Q2 Let U = {1, 2, 3, ..., 10}, A = {1, 2, 3, 4}, B = {3, 4, 5, 6}. Find A′ and B′.

Q3 Find the power set of A = {a, b, c}.

Q4 If n(A) = 30, n(B) = 25 and n(A ∩ B) = 10, find n(A ∪ B).

Q5 State and verify De Morgan's Laws for the sets A and B.

Q6 Define the following with examples:

Empty set

Universal set

Subset

Proper subset

Q7 Define relation. Give an example from real life.

Q8 If A = {1, 2}, B = {3, 4}, list all elements of A × B.

Q9 Let A = {a, b}, B = {1, 2}. Write all possible relations from A to B.

Q10 Define domain, codomain, and range of a function with an example.

Q11 Determine whether the following relations are functions or

R = {(1, 2), (2, 3), (3, 4)}

R = {(1, 2), (1, 3)}

Q12 If f: A → B is a function given by f(x) = x² + 1, where A = {1, 2, 3}, find f(A).

Q13 Define identity function and constant function modules function and GIF function

Physics-

1. How far from Earth's surface does the value of g decrease to 4 of its value on Earth's surface, given that the Earth's radius is 6400 kilometres? (3 Marks)

2. A body weighs 63N while it is on the Earth's surface. What is the magnitude of the Earth's gravitational pull on it at a height equal to one-half the radius of the Earth? (3 Marks)

3. Draw the formula of escape velocity , hence find out the value of escape velocity . (3 Marks)

4. What are Gravitational Force's Characteristics? (3 Marks)

Chemistry-

Instructions-(i) Solve all the questions on notebook.

      (ii) Each question carry 3 marks each.

1.If 4 g of NaOH dissolves in 36 g of H_2O, calculate the mole fraction of each component in the solution. Also, determine the molarity of solution (specific gravity of solution is 1g ml^{-1}).

2. The reactant which is entirely consumed in the reaction is known as a limiting reagent.

In the reaction 2A + 4B → 3C + 4D, when 5 moles of A react with 6 moles of B, then

(i) Which is the limiting reagent?

(ii) Calculate the amount of C formed?

3. The density of 3 molal solution of NaOH is 1.110 g mL $^{-1}$. Calculate the molarity of the solution.

4. Define the law of multiple proportions. Explain it with two examples. How does this law point to the existence of atoms?

Biology-

1. Differentiate between chordates and non-chordates on the basis of five characteristics. (5 Marks)

2. Explain the characteristic features of phylum Arthropoda. Give two examples from each class. (5 Marks)

3. Describe the three main differences between Platyhelminthes, Aschelminthes, and Annelida. (5 Marks)

4. Classify the phylum Chordata up to classes with suitable examples. (5 Marks)

Physical Education-

1.What is fitness? Explain its components ? (5 Marks)

2.What is the role of physical education Teacher for children with special needs ? (5 Marks)

Commercial Arts-

Instructions- Long answer type questions. Answer for these questions is expected in more than 200 words.

1. What are the difference between Gandhar style of Art and Mathura style of Art? (6 Marks)

2. What is the importance of the Lion Capital from Sarnath? Explain its characteristics. (6 Marks)

3. Give a brief description of the Pre-historic rock paintings of Bhimbetka. (6 Marks)

Business Studies-

Q.1 Is a joint venture always a new, separate company? (3 Marks)

Q.2 How did the Industrial Policy of 1991 change the role of the public sector in India? (6 Marks)

Accountancy-

Instructions:

Answer all the questions neatly in your Accountancy Notebook.

1. From the following supplied by Mr. Prashant, calculate capital & record the Opening journal entry.
   Cash in hand – Rs.11,200; Bank overdraft- Rs.31,600; stock- Rs.87,000; Debtors Y- Rs.77,400; creditors- Rs.50,600; Machinery Rs. 1,00,000; furniture & fixtures - Rs.24,000; Loan from Mr. Alok - Rs.50,000.

2. Mohit has following balances as on April 1, 2021. Find out his capital on this date & record the Opening journal entry.

   in hand – Rs.7,000; Cash at Bank- Rs.11,250; stock in trade- Rs.19,250; Loan from Mr.Vishal - Rs.10,000; furniture - Rs.15,00 Due from Ankit - Rs.3,750; due from Amrit - Rs.3,600; due from Pulkit - Rs.2,400; Due to Nipun - Rs.2,250; Due to Nikhil - Rs.1,250; Due to Nishu - Rs.2,500; Investment- Rs.4,000

3. Rinky supplies you the following information about her business as on April 1, 2011. You are requested to record the Opening journal entry.

   Cash in hand – Rs.7,500; Cash at Bank- Rs.21,900; Amount due from Chanchal - Rs.8,000; due from Teena- Rs.15,000; due from Poonam - Rs.7,500; Amount due to Nisha - Rs.6,000; Due to Monika - Rs.4,500; Due to Noori - Rs.7,000; Investment- Rs.10,000 Machinery Rs. 25,000; stock in trade- Rs.40,000; furniture - Rs.15,000; Loan from Bank- Rs.20,000; Patents- Rs.8,000; Goodwill - Rs.25,000; Bills Receivable- Rs.7,600; loan to Manager - Rs.12,000.

4.   Journalize the following transactions:
   i.   Started business with cash Rs.20,000, Building Rs. 5,00,000, and Machinery worth Rs. 4,80,000.
   ii.   Cash Deposited into Bank Rs. 15,000
   iii.   Purchased goods from Mr.X costing Rs. 10,000 and he allowed a trade discount of 5%.
   iv.   Goods purchased from Mr. A costing Rs. 1,000 & sold the same to Mr. B for Rs. 1,300.

Punjabi-

ਕੁੱਲ ਅੰਕ-8

ਆਪਣੀ ਪੱਕੀ ਕਾਪੀ ਉੱਪਰ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖੋ ਅਤੇ ਯਾਦ ਕਰੋ -

ਕਿਸੇ ਰੋਜ਼ਾਨਾ ਅਖਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖ ਕੇ ਵਿਦੇਸ਼ ਭੇਜਣ ਦੇ ਝਾਂਸੇ ਹੇਠ ਠੱਗੀ ਮਾਰਨ ਵਾਲਿਆਂ ਵਿੱਚ ਵਿਰੁੱਧ ਕਾਰਵਾਈ ਦੀ ਮੰਗ ਕਰੋ।

English-

Assignment: All questions are worth 3 marks and are to be completed in the classwork notebook.

1. Analyze the narrative 'The Address,' focusing on the impact of wartime events on interpersonal relationships, specifically examining the emotional and material repercussions presented in the text. Alternatively, 2. Evaluate the effectiveness of humor as a tool for conveying the significance of mothers' roles and their empowerment within the family, supported by evidence from the play 'Mother's Day.'

2. Assess the subtle integration of the theme of motherhood in Ted Hughes' poem 'Laburnum Top,' with a particular emphasis on the actions of the Goldfinch.

3. a) Interpret Walt Whitman's use of rain as a metaphor in 'The Voice of the Rain,' considering its representation of the cyclical nature of life, interconnectedness, and the creative process. b) Examine how the character of the grandmother in 'The Portrait of a Lady' embodies both cultural tradition and inner strength.

4. Evaluate the factors contributing to the ongoing mystery surrounding King Tut's death, as investigated by archaeologists and historians, as presented in 'Discovering Tut: The Saga Continues.'

Information Technology-

Instructions - Please write this work on notebook and bring all completed homework on the reopening day. There will a class test of all these questions once the school opens. All questions are worth of 4 marks each.

1. What is the purpose of the following views –
a. Normal
b. Outline
c. Slide Sorter
d. Slide Show
e. Notes Page
f. Handout Page
Answer –
a. Normal – This is the main editing view for writing and creating slides
b. Outline – This displays an outline of the text in the slides.
c. Slide Sorter – This presents all slides of the presentation in a miniature form. It helps in viewing all slides together and allows easy moving of slides.
d. Slide Show – It shows slides as they will be actually presented. No editing can take place in this view.

e. Notes Page – Allows users to make notes for the selected slide. The notes can be seen only by the presenter while making a presentation. The note page is not visible to the audience of the slide show presentation.

f. Handout Page – It displays slides on a page as seen when printed.

2. What is the difference between slide master, slide transition and slide animation?

Answer – The following are the differences between slide master, slide transition and custom animation –

1. Slide Master - Each slide in your presentation has a general appearance that is controlled by a slide master, including formatting and design. Every slide layout will be updated as you make changes to the slide master within your presentation. At least one slide master can be found in every template.

2. Slide Transition – The looks that move you from one slide to the next are known as slide transitions.

3. Slide Animation – Slide animations are the motions you add to text, images, and other items on a single presentation.

FMM-

Revise all the" Liquidity and Profitability Ratios".