Class - XI Commerce

ENGLISH-
1   If one character from your textbook could come alive in today's world, whom would you choose and why ?
2   An ode is a formal, lyrical poem that praises or glorifies a person, place, thing, or idea.
     eg. Ode on an Grecian Urn by John Keats and Ode to the West Wind by P B Shelley.
     Taking reference from these classic poems, compose an ode dedicated to your dear ones.
3   Imagine, the poet of a poem you studied visits your classroom. Write a short conversation between you and the poet.
4   Make a collection of 10 English idioms along with their meanings and write a short, creative story using these English idioms
5   Draw a colourful and informative poster on 'Cyber Crime and Digital Safety.'

ACCOUNTANCY–
1   A manufacturing company is deciding whether to expand its operations. The management receives financial information prepared by the accounting department.
     a) Explain any two objectives of accounting that will help management in decision-making.
     b) Identify and explain one qualitative characteristic of accounting information that ensures correct business decisions.
     c) State one limitation of accounting that management should keep in mind before finalising expansion plans.
2   Below are certain items related to a business:
     Capital, Debtors, Outstanding Rent, Drawings, Closing Stock, Creditors, Goodwill, Prepaid Insurance,
     a) Create a table and classify the above items under Assets, Liabilities, Capital, or Expenses.
     b) Give one logical reason for placing each item in its category.
     c) Identify which items will appear in the Balance Sheet and which in the Profit & Loss Account.
3   Rohan started a business on 1 April 2024. Record the following transactions:
     Started business with cash Rs 2,00,000
     Purchased goods for cash Rs 30,000
     Purchased furniture Rs 25,000 on credit
     Paid salaries Rs 10,000
     Received commission Rs 5,000
     Prepare the Journal Entries with narration and state the rule applied in each entry.
4   The Trial Balance of Aman Traders did not tally.
     After checking, the following were found:
     Cash sales Rs 8,000 were not posted to Sales Account
     Purchase return Rs 2,000 was posted to Purchases Account
     Rent paid Rs 4,500 was correctly posted
     a) Identify which errors affect Trial Balance and which do not.
     b) Explain why Trial Balance is prepared even though it does not detect all errors.
     c) Suggest one method to avoid such errors in future.
5   A student is asked to prepare Final Accounts of a business but notices the following adjustments at year-end:
     Closing Stock
     Outstanding Salary
     Prepaid Insurance
     Depreciation on Machinery
     a) Create a diagram or flow chart showing where each adjustment will appear in Trading Account, Profit & Loss Account, or Balance Sheet.
     b) State why adjustments are necessary for correct profit calculation.

BUSINESS STUDIES –
1   **Case Study – International Business**
     An Indian company exporting spices to foreign countries earns higher profits and gains access to a wider market. However, it must follow customs procedures and deal with foreign exchange risks.
     a) Identify the international business activity mentioned in the case.
     b) State one advantage and one limitation of international business highlighted above.
     c) Suggest one measure to reduce the risk involved.
2   **Application-Based Question – Forms of Business Organisation**
     Your friend plans to start an online clothing business with two partners.
     a) Which form of business organisation would you suggest and why?
     b) Mention two limitations of this form of organisation.

3 **Case Study – Emerging Modes of Business**
A local grocery store has started taking orders through WhatsApp and delivering products at home using digital payment methods.
a) Identify the emerging mode of business highlighted here.
b) State two benefits of this mode for both customers and the shop owner.

4 **Project-Based Question – Social Responsibility of Business**
Select any one company you know and study its role towards:
Employees
Consumers
Environment
Present your findings in the form of a short report (2–3 pages)

5 **Analytical Question – Business Risks**
"Risk is an essential part of every business."
Explain this statement with the help of two examples from daily life or current business situations.

ECONOMICS –

1 Explain the main features of perfect competition. Why is a firm a price taker under perfect competition? Illustrate your answer with a suitable diagram.
2 What is correlation? Explain the meaning of positive and negative correlation with one economic example each.
3 What are index numbers? Explain the importance of index numbers in measuring changes in the cost of living.
4 The coefficient of correlation between two variables is –0.8.
a) What does this value indicate?
b) Give one economic example of such a relationship.
c) Does correlation establish cause and effect? Give reason.
5 "In the long run, firms under perfect competition earn only normal profit."
a) Explain this statement with the help of cost curves.
b) How does average cost influence the equilibrium of a firm?
c) Evaluate the relevance of perfect competition in the modern economy

APPLIED MATHEMATICS –

1 Find log of following
i) 2567   ii) 78.6
2 Draw graph of following function
i) $y=Logx$ ii) $y=|x|$ (iii) $y=|x–3|$
3 Find domain and range of following functions
i) $Y=\sqrt{x^2–25}$ ii) $Y=x–4/4–x$
4 Calculate the mean, variance and standard deviation of first n-natural number.
5 Find derivative of following function by first principal
i) $Y=x^3$ ii) $y=ax+b$ iii) $y=1/x$
6 How many different words can be formed by using all the letters of the word "INDEPENDENCE".
7 Make a project on topic "sequence and series" consists following topics
i) Introduction of sequence and series
ii) Arithmetic progression concept and all formulas with flowchart.
iii) Geometric progression concept and all formulas with flowchart.
iv) Real life application based on "sequence and series".

PHYSICAL EDUCATION

1 Explain the importance of Physical Education in the development of a student. Discuss its role in physical, mental, social, and emotional development.
2 Describe the concept of wellness and fitness. Explain the different components of physical fitness with examples.
3 What is yoga? Explain the importance of yoga in maintaining good health and describe any four asanas with their benefits.
4 Define balanced diet. Explain the major nutrients required by the body and their functions in detail.
5 Anyone one IOA recognised sports/Games of choice. Labelled diagram of field and equipment. Also, mention it's rules, terminologies and skills.

HINDI-

1 स्थिति आधारित प्रश्न
राजस्थान के एक गांव में कई वर्षों से वर्षा कम हो रही है तालाब और कुएं सूख चुके हैं। गांव के बुजुर्ग लोग पारंपरिक जल संचयन प्रणाली कुंई निर्माण का सुझाव देते हैं। लेकिन युवा पीढ़ी इसे कठिन मानकर असहमत है।
क) कुंई का निर्माण गांव के लिए लाभकारी कैसे हैं ?
ख) युवाओं की सोच में परिवर्तन लाने के लिए आप क्या सुझाव देंगे ?
2 शहर के किसी प्रतिष्ठित स्कूल के लिए हिंदी अध्यापक पद के लिए अपना एक आकर्षक स्ववृत्त तैयार कीजिए।
3 किसी ऐसी रोचक यात्रापर रचनात्मक लेख लिखिए जिससे आपको ऐतिहासिक व सांस्कृतिक ज्ञान प्राप्त हुआ हो।
4 आपके क्षेत्र में विधि व्यवस्था की स्थिति अत्यंत खराब हो चुकी है।आए दिन चोरी राहजनी की घटनाएं बढ़ती जा रही हैं । इसकी रोकथाम हेतु स्थानीय थानाध्यक्ष को पत्र लिखिए।

5   झारखंड और उत्तराखंड की संस्कृति का तुलनात्मक अध्ययन करते हुए एक परियोजना कार्य तैयार कीजिए।
मुख्य बिंदु–

- राज्य परिचय
- सांस्कृतिक पृष्ठभूमि
- भाषा और बोलियां
- लोक नृत्य लोक संगीत
- त्योहार और परंपराएं
- वेशभूषा और आभूषण
- कला शिल्प और आजीविका
- निष्कर्ष

COMPUTER–

1   **CASE STUDY – 1**

A school stores the marks of a student in five subjects using a Python list:

marks = [78, 65, 89, 72, 80]

i) Identify the data structure used.

ii) How many elements are present?

iii) Write a statement to display the first element.

iv) Write a statement to find the highest mark.

v) Write a statement to add 90 to the list.

CASE STUDY – 2

student = {"name":"Aarav", "class":"XI", "marks":82}

i) Identify the data structure.

ii) Write the key-value pair for marks.

iii) Display the student name.

iv) Update marks to 88.

v) Give one advantage of dictionary.

2   Answer the following questions

Predict the output:

data = [10,20,30]

data.append(40)

print(len(data))

3   Identify error and rewrite the correct code

info = {"name":"Riya","age":16}

print(info["class"])

4   State whether the following are Good Practice or Bad Practice:

a) Using different passwords for different accounts

b) Sharing personal photos publicly

c) Updating software regularly

d) Clicking unknown links

5   Explain how awareness of cyber safety helps students become responsible digital citizens.

6   A student stores passwords in a notebook.

- Identify the risk.
- Suggest a safer alternative.

PSYCHOLOGY-

1   **Poster/Visual Thinking Task (Choose ANY ONE)**

(No internet images allowed–only hand-drawn or self-designed)

Option A: "My Brain at Work" Poster

Create a poster explaining what happens in your mind from morning till night using psychological concepts.

You must show atleast:

- One cognitive process
- One emotional experience
- One motivational factor
- One learning experience

        OR

Option B: Psychology Awareness Poster

Make a poster on "Why understanding psychology is important for students today"

Include:

Three psychological problems faced by students

One misconception people have about these problems

2   **Conceptual Mind Map**

Create a detailed hand-drawn mind map of ALLEIGHTchapters you have studied in the Class XI Psychology textbook.

For each chapter, your mind map must include:

- Main themes/core ideas
- Key concepts or terms

3   **Day Self-Reflection Diary**
    Maintain a diary for 7 consecutive days and record the following daily:
    - Mood (morning & evening)
    - Study hours
    - Sleep duration
    - One emotionally significant event

    After 7 days, write a reflection answering:
    a) What pattern did you notice ?
    b) Which psychological concepts explain your pattern ? What would you like to change and why ?

4   You notice that a student works extremely hard but feels never satisfied with their performance, even after success.
    a) Identify two possible psychological reasons behind this behaviour.
    b) Explain how motivation or self-concept may be involved.
    c) As a psychology student, what advice would you give—and why?

5   Choose one behaviour that you observe frequently among students (e.g., procrastination, fear of failure, social withdrawal, over-dependence on phone). Answer the following:
    a) Why do you think this behaviour exists ?
    b) Which psychological processes are involved ?
    c) How would you study this behaviour scientifically if given a chance?
    d) What difficulty might you face while studying it ? (No surveys required)

6   **Reflection based question**
    Imagine you are a student psychologist observing yourself.
    a) Identify one personal habit you want to understand better.
    b) Explain it using atleast two psychological concepts.
    c) Write one insight that changed how you see your self after studying psychology.