

GURUKUL INTERNATIONAL SCHOOL, Haldwani

HOME WORK FOR SUMMER BREAK (2024-25)

Class - XII Commerce

ENGLISH-

Consider the following statements

- i) The ragpickers across India start their work early morning. They appear together in the morning and disappear by afternoon. They long for basic necessity like food, clothes etc.
 - ii) The bangle makers of Firozabad lose their eyesight before their adulthood. They slog their daylight hours in the dark furnaces which are devoid of any ventilation.
- 1 In the light of the above statements, prepare a project work on the plight of rag- pickers of Dharavi(Mumbai) and bangle makers of Firozabad.
 - 2 The poem " KEEPING QUIET " focuses on the importance of introspection and meditation. It also talks about brotherhood. You are Sunil / Sunita. Prepare a 2 minutes speech/ video on the topic "Meditation: The need of the Hour".
 - 3 Read the story "The Third Level". Examine the mental condition of Charley. As Sam, suggest some measures to be taken by Charley to improve his mental condition/health.
 - 4 Read the meaning of the following idioms and frame sentences using them
Set the record straight
Snowed under
To break someone's bubble
Walk on eggshells
Steal someone's thunder
 - 5 Read the poem 'A Thing of Beauty 'by John Keats and find out all the poetic devices used in it. Also, prepare a short summary of the poem in your own words.

ACCOUNTANCY–

Case based question

- 1 A, B and C are partners sharing profits and losses in the ratio of 5:3:2. A is a marketing person and does not understand the accounting issues. Therefore, when they discussed to share future profits and losses equally, he wanted to understand in concrete terms the profit share he will have to forego and whether he will be compensated for the loss in profit share or not. If he will be compensated, what will be the amount of compensation and how it will be calculated ? He was clarified that for the loss of profit share, he will be paid compensation in the form of goodwill calculated on an accepted principle of goodwill valuation. Goodwill was to be valued at 3 years' purchase 5 years' average profit. Profits for the last 5 years were 1,20,000, 1,20,000 , 1,50,000 , 1,10,000 and 1,00,000.

Based on the above information, choose the option to the questions.

- i) Gain or sacrifice of B and C due to change in the profit sharing will be
 - a) Bs gain = $1/30$; Chitntan's sacrifice = $4/30$
 - b) B's sacrifice = $1/30$; Chitntan's gain = $5/30$
 - c) Bs gain = $1/30$; Chitntan's gain = $4/30$
 - d) B's gain = $5/30$; Chitntan's sacrifice = $5/30$
- ii) Value of Goodwill is
 - a) 3,00,000
 - b) 3,60,000
 - c) 3,72,000
 - d) 3,50,000
- iii) B and C will compensate A by paying goodwill as
 - a) 12,000 and 48,000 respectively
 - b) 24,000 and 24,000 respectively
 - c) 30,000 each
 - d) 60,000 each

- 2 **Read the passage below and answer the questions given:**

Mohan and Sohan, two college friends started a restaurant business in partnership sharing profit and loss in the ratio of 3:2 in the year 2019. Mohan also had a family business of garments, which he took over after his father's death. As a result, he devoted less time to the restaurant. Sohan, being his best friend understood this and supported him fully.

However, in the year 2020, due to Covid-19, the restaurant business slowed down Sohan approached Mohan and suggested that they share profits equally.

Mohan readily agreed to it. The Goodwill of the firm was valued at Rs. 30,000. Also, there is a Workmen Compensation Reserve and General Reserve of Rs. 90,000 and Rs. 12,000 respectively.

- i) What single adjusting entry will be passed for goodwill adjustment ?
 - a) Debit Sohan and Credit Mohan by Rs 3,000
 - b) Debit Mohan and Credit Sohan by Rs 3,000
 - c) Debit Mohan and Credit Sohan with Rs. 300
 - d) Debit Sohan and Credit Mohan with Rs. 300
- ii) What journal entry will be passed in case there is a claim on Workmen Compensation Reserve of Rs. 45,000 ?
 - a) Workmen Compensation Reserve A/c Dr. 90,000
To Mohan's capital A/c 54,000
To Sohan's capital A/c 36,000

- b) Workmen Compensation Reserve A/c Dr. 45,000
To claim on Workmen Compensation Reserve 45,000
 - c) Sohan's capital A/c Dr. 9000
To Mohan's capital A/c 9000
 - d) Workmen Compensation Reserve A/c Dr. 90,000
To claim on Workmen Compensation Reserve A/c 45,000
To Mohan's capital A/c 27,000
To Sohan's capital A/c 18,000
- 3 What journal entry will be used for General Reserve?
- a) General reserve A/c Dr. 12,000
To Mohan's capital A/c 6,000
To Sohan's capital A/C 6,000
 - b) General reserve A/c Dr. 12,000
To Mohan's capital A/C 7,200
To Sohan's capital A/C 4,800
 - c) Mohan's capital A/C Dr. 7,200
Sohan's capital A/c Dr. 4,800
To General reserve A/c 12,000
 - d) Sohan's capital A/C Dr. 1200
To Mohan's capital A/C 1200

Source based question

- 4 A, B and C are partners sharing profit in the ratio 3:2:1. Their capital contribution being Rs 40,000, 30,000 and 20,000 respectively. The partners wanted to expand their business so they decided to double their capital. It was duly followed by A and B. But due to financial problem C was unable to follow the decision. So the partners decided to admit a new partner D who will bridge the shortfall of capital. The new partner will get half of the share of C's capital which will be sacrificed by C alone. The new partner brings in The required capital and 10,000 for his share of premium.
- a) What will be the new profit sharing ratio ?
 - b) What amount of capital bought in by the new partner ?
 - c) What is the value of goodwill of the firm ?
 - d) What will be entry for distribution of premium ?

Application based question

- 5 Rehman, Suleman and Hanuman were partners in a firm sharing profits in the ratio of 3: 2: 1 respectively. Their fixed capitals were as follows:
Rehman 3,00,000, Suleman 2,00,000 and Hanuman 1,00,000. The partnership deed provided for the following for the division of profit:
- i) 10% of trading profit will be transferred to Reserve Account.
 - ii) Hanuman was guaranteed a profit of Rs 50,000. Any loss because of guarantee to Hanuman will be shared by Rehman and Suleman equally.
- The trading profit of the firm for the year ended 31. 12. 2022 was 2,00,000.
Prepare the Profit and Loss Appropriation Account of Rehman, Suleman and Hanuman for the year ended 31. 12. 2022.

BUSINESS STUDIES –

Case-based Questions

- 1 Sanjana is the branch manager of ABC Handicrafts Pvt. The company's objective is to promote the sales of Indian handloom and handicraft products. It sells fabrics, furnishings, ready-made, and household items are made out of traditional Indian fabrics. Sanjana decides quantities, variety, colour and texture of all the above items and then allocates resources for their purchase from different suppliers. She appoints a team of designers and crafts people in the company, who developed some prints for bed covers in bright colour on silk. Although they looked very impressive, they were more expensive than they had planned to sell. Average customer could not afford to buy it. Praising their effort, Sanjana suggested that they should keep the silk bed covers for special occasions like Diwali and Christmas and offer the cotton bed covers on a regular basis to keep costs under control.
- Identify the functions of management which Sanjana performs by quoting the lines the above para.
- 2 Rishitosh Mukerjee has recently joined AMV Ltd, a company manufacturing refrigerators. He found that his department was under-staffed and other departments were not cooperating with his department for smooth functioning of the organization. Therefore, he ensured that his department has the required number of employees and its cooperation with other departments is improved.
- a) Identify the level at which Rishitosh Mukerjee was working.
 - b) State three more functions required to be performed by Rishitosh Mukerjee at this level.

Assertion Reason based question

- 3 Assertion (A) : Management is concerned with efficient use of resources.
Reasoning (R) : For management both efficiency and effectiveness need to be balanced.

4 Assertion (A) : The Supervisory Level performs the activities according to the plans of Top and Middle level management.

Reason (R) : The Supervisory Level motivates the employees and boosts their morale.

Application based Question

5 Visit a store and find out applicability principles of management in particular store.

ECONOMICS –

1 Which type of currency is issued by Central Bank ?

- a) Currency b) Credit Money c) Coins d) All of these

2 Credit Multiplier is:

- a) $1 / \text{CRR}$ b) $\text{cash} \times 1 / \text{CRR}$ c) $\text{Cash} \times \text{CRR}$ d) None of these

3 Credit money is increased when CRR:

- a) Falls b) Rises c) Both (a) and (b) d) None of these

4 Which one is the Bank of the Public?

- a) Commercial Bank b) Central Bank c) Both (a) and (b) d) None of the above

5 By supply of money we mean :

- a) Money deposited in the bank b) Money available with the public
c) Deposits with post office savings bank d) All of these

Read the following statements: Assertion (A) and Reason (R). Choose one of the correct alternatives are given below:

- a) Both Assertions (A) and Reason (R) are True and Reason (R) is the correct explanation of Assertion (A)
b) Both Assertion (A) and Reason (R) are True and Reason (R) is not the correct explanation of Assertion (A)
c) Assertion (A) is True but Reason (R) is False
d) Assertion (A) is False but Reason (R) is True
- i) Assertion (A): Money supply includes the least liquid measure of the Money supply.
Reason (R): Money supply includes the currency with public outside banks and demand deposits with banks.
- ii) Assertion (A): Currency created by the Central Bank is called bank money.
Reason (R): Central Bank of a country has a monopoly over the currency issue. It has the sole responsibility of printing and putting in circulation all types of currency notes (with a few exceptions)
- iii) Assertion (A): Currency notes and coins are called fiat money.
Reason (R): RBI is responsible for giving the bearer of the currency equal purchasing power.
- iv) Assertion (A): The goods which are used either for resale or for further production in the same year are Intermediate goods.
Reason (R): Intermediate goods are included in National Income.
- v) Assertion (A): Domestic Income is equal to National Income in the case of a closed economy.
Reason (R): Closed Economy has no economic relations with the rest of the world

Case Study

6 **Read the following text carefully and answer the questions 1-2 on the basis of the same:**

It is difficult to carry forward one's wealth under the barter system. Suppose you have an endowment of rice which you do not wish to consume today entirely. You may regard this stock of surplus rice as an a which you may wish to consume, or even sell off, for acquiring other commodities at some future d But rice is a perishable item and cannot be stored beyond a certain period. Also, holding the stock of r requires a lot of space. You may have to spend considerable time and resources looking for people with demand for rice when you wish to exchange your stock for buying other commodities. This problem be solved if you sell your rice for money. Money is not perishable and its storage costs are also considerable lower. It is also acceptable to anyone at any point of time. Thus, money can act as a store of value for individuals. Wealth can be stored in the form of money for future use. However, to perform this function well, the value of money must be sufficiently stable.

- a) How does money overcome the main problem of exchange in the barter system ?
b) Briefly describe any two functions of money.

Case-Study Based Questions

7 **Read the following text carefully and answer the questions on the basis of the same:**

The Budget Estimate of total spending for 2021-22 is Rs 34.83 lakh crore. The Revised Estimate (RE) for total central spending in 2020-21 is Rs 34.5 lakh crore. The Gross Domestic Product (GDP) deflator — if one takes 14.4% nominal GDP growth projection for 2021-22 given in the budget and 11% real GDP forecast given in the latest Economic Survey — comes to 3.4%. This means that central spending should have increased to at least Rs 35.7 lakh crore to keep it unchanged in real terms. The fact that it has not happened implies that the 2021-22 budget entails a negative fiscal stimulus to the economy.

- a) Define GDP and GDP deflator.
b) What are the importance of GDP deflator ?

HOTS and Application

8 What role does CRR play in the creation of credit by the commercial bank ?

9 What role does credit multiplier play in determining the credit creation capacity of the banking system? Use a numerical illustration to explain.

- 10 Credit creation is inversely related to the reserve deposit ratio. Justify the given statement using a hypothetical example.

APPLIED MATHEMATICS –

Case study -1

- 1 Muskan is rowing a boat .She takes 6 hours to row 48 km upstream whereas she takes 3 hours to go the same distance downstream .

Based on the above information ,answer the following questions:

- What is her speed of rowing in still water ?
- What is the speed of stream ?
- What is her average speed ?

OR

The stream is flowing at the speed of 4 km / hr . If muskan rows a certain distance upstream in 3.5 hours and returns to the same place in 1.5 hours , then find the speed of muskan's boat in still water.

Case study -2

- 2 There are 24 hours in a day .To know the time we use clocks. There are mainly two types of clocks.12 hours clock and 24 hours clock . 12 hours clock repeat itself twice in a day i .e., 24 hours of a day are divided into two periods called a.m. and p .m. . Each period consists of 12 hours numbered 12 (acting as 0) ,1,2,3,4,5,6,7,8,9,10,11. Then 24 hours per day cycle starts at 12 midnight (usually indicated as 12a.m.) runs through 12 noon (usually indicated as 12p.m.) and continues just before midnight at the end of the day .

Based on above information answer the following question:

- If it is currently 7:00 a. m. in 12 hour clock then find the time in next 492 hours.
- If the time after 640 hours from now will be 9: 00 p.m. then find the current time.
- What time in 24 hours clock is equivalent to 2:00 p.m. in 12 hours clock ?

Assertion and reason based :

Select correct option for following question number-3 and 4

- A and R both true and R is correct explanation of A.
 - A and R both true but R is not a correct explanation of A
 - A is true and R is wrong
 - A is wrong R is true.
- 3 Assertion (A) : Last two digits of the product 482×307 is 74
Reason (R): If a is congruence to $b \pmod{n}$ and c is congruence to $d \pmod{n}$. Then ac is congruence to $bd \pmod{n}$.
- 4 Assertion (A) : if A beats B by 200m or by 10 seconds ,then speed of B is 20 m/ sec.
Reason (R) : In a 400 m race ,A reaches the finishing point in 20 seconds and beat B by 100 m. The speed of B is 15 m/ sec.

Application based Question

- 5 A man wants to cut three lengths from a single piece of cardboard of length 91 cm. The second length is to be 3 cm longer than the shortest and the third length is to be twice as long as the shortest . What are possible the possible lengths for the shortest board if the third piece is to be atleast 5 cm longer than the second?

PHYSICAL EDUCATION

- 1 Define these terms-
- Planning
 - Organising
 - Staffing
 - Directing
 - Controlling
- 2 Your School Organising Inter School badminton Championship and 27 teams or Schools are participating formed various committees and draw a fix time by knock-out method.
- 3 On school foundation by school authorities made compulsory participation for all students between 5th to 12th classes in cross Country race. What planning has to be done to make this event a success?
- 4 Draw the various postural deformities and discuss about the causes and remedies of concerned deformities.
- 5 In a recent year Indian woman athlete have done India proud in International sports events. Make a flow chart with their pictures and achievement.
- 6 Visit a nearby stadium and talk to women athletes. Collect a data of such athletes in their teams. Are they facing any problem related to their health, diet etc.

HINDI –

- परीक्षा के दौरान तनाव की स्थिति से कैसे निपटा जा सकता है अपने सुझाव दीजिए।
- ग्लोबल वार्मिंग और उसके प्रभाव विषय पर लगभग 100 शब्दों में भाषण तैयार कीजिए।
- आपको विद्यालय में खेलने का अवसर नहीं मिलता। कह दिया जाता है कि छात्र संख्या अधिक होने से सबके लिए व्यवस्था नहीं हो सकती। प्रधानाचार्य को पत्र लिखकर इस समस्या पर चर्चा कीजिए और कुछ उपाय भी सुझाइए।
- आलोक धन्वा ने पतंग कविता में बाल सुलभ साहस एवं आकांक्षाओं का जो सुंदर चित्रण किया है उसे चित्र के माध्यम से दर्शाइए।
- “नशा प्रवृत्ति: युवाओं के जीवन को खोखला करने के खतरे और निवारण विषय से संबंधित भाषण पर 2 मिनट की वीडियो तैयार कीजिए।

COMPUTER–

Case-Based Questions:

- 1 Imagine you're tasked with developing a program to manage a library's book inventory. How would you utilize Python functions and modules to create an efficient system?
Suppose you're working on a project with a team, and each member is responsible for different functions of the program.

Critical Thinking-Based Questions:

- 2 Why is modular programming important in Python, and how does it contribute to code readability and maintainability?
Can you explain the difference between built-in functions and user-defined functions in Python? Provide examples of each. Discuss the advantages and disadvantages of using functions with variable-length argument lists in Python.

Application-Based Questions:

- 3 Develop a Python function that calculates the factorial of a given number. How would you optimize this function to handle large inputs efficiently ?
Create a Python module for handling mathematical operations such as addition, subtraction, multiplication, and division.
- 4 How would you ensure that this module is reusable and easily integrated in to other projects ?
- 5 Design a Python program that utilizes functions and modules to simulate a simple banking system. The program should allow users to deposit, withdraw, and check their balance. How would you ensure the security and reliability of this system ?