

Winter Assignment (2023-24)

Class : XI (COMMERCE)

ENGLISH

1. Imagine that Joe Morgan visits Dr. Andrew after a week. Both his wife and baby boy are in good health. Write a conversation between Joe Morgan and Dr. Andrew within 150 words.
2. Does the poem 'The Tale of Melon City' mock at the process of proper judgment and fair trial? Write your opinion in 120-150 words.
3. ENGLISH PROJECT (mandatory for Final term -10 marks)

Collect samples of Advertisements (atleast 4 advertisements for each type/kind) from English newspapers and paste in different pages of a scrapbook. Cover and decorate the scrapbook and mention your Name, Class, Section and UID. It should contain all the following types of Advertisements:

- A. Situation Vacant
- B. Situation Wanted
- C. Sale and Purchase (Property, Vehicle and Household Goods in separate pages)
- D. To Let
- E. Educational Institutions
- F. Lost and Found
- G. Travels and Tours
- H. Matrimonials
- I. Change of Name/ Address
- J. Display/Commercial Advertisement

ACCOUNTANCY

1. Prepare the Accounting Equation for the year ended on 31st March 2022 on the basis of the following information:
 - a. Mr. X Started business with Cash Rs. 1,50,000, Furniture Rs. 50,000, Goods/ Stock Rs. 30,000 & Machinery Rs. 2,00,000.
 - b. He sold goods Costing Rs. 25,000 at a profit 20% above cost & half of the payment received in Cash and received a bill for the remaining balance.
 - c. He paid salary Rs. 10,000, commission Rs. 2000 & Commission Still outstanding Rs. 1,000.
 - d. He purchased goods from Ram of Rs. 25,000.
 - e. Depreciate Machinery at 20 % p.a. & Furniture at 10 % p.a.
 - f. He paid to Ram Rs. 23,500 in full settlement of his account.

2. An inexperienced Accountant has prepared the following Trial Balance, as you are expert in Accountancy find out errors and redraft the Trial Balance.

Trial Balance as on 31st March, 2023

Particulars	L.F.	Debit balance Amount Rs	Credit balance Amount Rs
Opening Stock		10,000	
Purchases		40,000	
Sales			50,000
Machinery			50,000
Goodwill		50,000	
Wages			200
Commission Received		500	
Sundry Debtors		40,000	
Sundry Creditors			20,500
Bills Payable		50,000	
Postage & Telegrams		500	
Interest received		200	
Capital			70,000
Commission allowed			500
		<u>1,91,200</u>	<u>1,91,200</u>

3. Record the following transactions in a cash book with cash and bank columns:

2023	Transactions	Amount
Jan 1	Bank overdraft	12,000
	Cash in hand	2,300
Jan 7	Cheque received from Ram Rs. 4,000 and discount allowed Rs. 200	
Jan 8	Deposited the above cheque into Bank.	
Jan 12	Banked	200
Jan 15	Received a money order from Gopal	500
Jan 16	Money is withdrawn from Bank for office use	300
Jan 18	Bank Charges	20
Jan 20	Interest on bank overdraft	100

4. On 31st March 2020, the Bank Pass Book of Naresh & Co. showed an overdraft of Rs. 10,700. From the following particulars prepare Bank Reconciliation Statement.
- Cheques issued before 31-03-2020 but presented for payment after that date amounted to Rs. 900.
 - Cheques paid into the Bank but not collected and credited until 31-03- 2020 amounted to Rs. 2,200.
 - Interest on overdraft amounting to Rs. 1,200 did not appear in the Cash Book.
 - Rs. 5,000 being interest on investments collected by the Bank and credited in the Pass Book were not shown in the Cash Book.
 - Bank charges of Rs. 50 were not entered in the Cash Book.

vi. Rs.800 in respect of dishonoured cheque were entered in the Pass Book but not in the Cash Book.

5. You are given following balances as on 1st April 2021:

Plant & Machinery A/c Rs 25,00,000

Provision for Depreciation A/c Rs 5,80,000

Depreciation is charged on the plant at 20% p.a. by the diminishing balance method. A piece of machinery purchased on 1st April 2018 for Rs 5,00,000 was sold on 1st October 2021 for Rs. 3,00,000.

Prepare the Plant & Machinery Account and Provision for Depreciation Account for the Year ended 31st March 2022. Also, prepare Machinery Disposal Account.

BUSINESS STUDIES

1. Discuss the features of a departmental store. How are they different from multiple shops or chain stores?

2. Do you observe any difference in the retail business of yesterday and the times to come?

Prepare a brief write-up with reference to the latest developments in the retail market.

3. Anika works in a private sector bank, as public relation officer whereas her friend Kanupriya is employed in a food processing industry at the post of production coordinator.

(a) Identify and explain the types of industries which are being mentioned in the given case in reference to the broad classification of industries.

(b) Also, outline the third type of industry which has not been referred to in the given case.

4. Raj has identified a large opportunity for residents in India to generate their own power and save money by setting up solar equipment on their roofs or balconies, etc. Besides, conceiving a business ideas promotion involves taking an initiative to form a company so that practical shape can be given to it. Briefly outline the other functions which need to be performed by Raj as promoter.

5. ONGC was founded on 14 August 1956 by the Government of India, which currently holds a 68.94% equity stake.

(a) How will you categorise Oil and Natural Gas Corporation as a public sector enterprise?

(b) State any four features of this form of organisation.

6. Distinguish between e-business and traditional business.

7. **Prepare a questionnaire to find out the actual problems faced by an owner of a small-scale unit.(10 questions)**

MATHEMATICS (041+241)

1. **Use the properties of sets to prove that for all the sets A and B, $A - (A \cap B) = A - B$**

2. **Let $U = \{1, 2, 3, 4, 5, 6, 7\}$, $A = \{2, 4, 6\}$, $B = \{3, 5\}$ and $C = \{1, 2, 4, 7\}$, find (i) $A' \cup (B \cap C')$
(ii) $(B - A) \cup (A - C)$**

3. **In a survey of 600 students in a school, 150 students were found to be drinking Tea and 225 drinking Coffee, 100 were drinking both Tea and Coffee. Find how many students were drinking neither Tea nor Coffee.**

4. A coin is tossed 6 times, and the outcomes are noted. How many possible outcomes can be there?

5. From a team of 6 students, in how many ways can we choose a captain and vice-captain assuming one person can not hold more than one position?
6. How many words can be formed each of 2 vowels and 3 consonants from the letters of the given word – DAUGHTER?
7. Find the number of 6 digit numbers that can be formed by using the digits 0, 1, 3, 5, 7, and 9. These digits shall be divisible by 10, and no digit shall be repeated?
8. Find the derivative of $f(x) = x^3$ using the first principle.
9. Differentiate $(2x - 7)^2 (3x+5)^3$.
10. Find the mean deviation about mean for the following data:

Size (x)	1	3	5	7	9	11	13	15
Frequency (f)	3	3	4	14	7	4	3	4

11. Determine the mean deviation about the mean for the following data:

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	6	7	15	16	4	2

12. Determine the mean deviation about the median for the following data:

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	6	7	15	16	4	2

13. Given that the events A and B are such that $P(A) = 1/2$, $P(A \cup B) = 3/5$, and $P(B) = p$. Find p if they are
 - (i) mutually exclusive
 - (ii) independent
14. An fair die is thrown double times. Assume that the event A is “odd number on the first throw” and B the event “odd number on the second throw”. Compare the independence of the events A and B.

ECONOMICS

1. The price elasticity of supply of commodity Y is half the price elasticity of supply of commodity X. 16 per cent rise in the price X results in a 40 per cent rise in its supply. If the price of Y falls by 8 per cent, calculate the percentage fall in its supply.
2. Define equilibrium price.
3. Give the meaning of excess demand and excess supply for a commodity.
4. Market for a good X is in equilibrium. Demand rises for the good. Supply remaining same, explain the chain of effects that will take place in the market for good X. Use diagram.
5. What changes will take place in a perfectly competitive market if the prevailing price in the market is below equilibrium price?
6. Explain two merits and demerits of Lorenz curve.

7. Answer the following :

(i) What is measure of Central Tendency? Name some of the measures. (At least three)

(ii) Define mode. Give two applications of mode in our daily life.

8. The price elasticity of supply of commodity Y is half the price elasticity of supply of commodity X. 16 per cent rise in the price X results in a 40 per cent rise in its supply. If the price of Y falls by 8 percent, calculate the percentage fall in its supply.

9. Calculate the product moment correlation coefficient between A and B using actual mean method:

A:	19	18	18	20	21	22	22
B:	40	42	38	41	43	39	37

10. Calculate the correlation coefficient between X and Y and comment on their relationship:

X:	-3	-2	-1	1	2	3
Y:	9	4	1	1	4	9

11. Calculate the correlation coefficient between X and Y and comment on their relationship.

X:	1	3	4	5	7	8
Y:	2	6	8	10	14	16

12. Compute the Karl Pearson's coefficient of correlation between A and B in the given series: (Take assumed mean for A as 3 and that of B to be 24)

A:	6	2	3	5	7	4
B:	18	42	36	24	12	30

ENTREPRENEURSHIP

1. What is 'Market Development Strategy'? How can the same be applied by the entrepreneur?
2. Explain briefly the place mix and its components.
3. What is meant by indirect channels of distribution? Explain any two indirect channels of distribution.
4. List any four factors that influence the pricing decisions.
5. Define product mix. What dimensions of the product are to be considered by the entrepreneur herein?

GENERAL ASSIGNMENT

Make a PPT on any landmark event of 2023 at National/International Level. (mail the PPT on class teacher's mail id)

