



MATA JAI KAUR PUBLIC SCHOOL
HOLIDAYS HOMEWORK / CLASS – XI / COMMERCE

ENGLISH

- Read the novel The Canterville Ghost by Oscar Wilde
- Revise The Ailing Planet: The Green Movement's Role, 'Father to Son', 'Tale of a Melon City' and Birth for your Annual Examination.

ACCOUNTANCY - PRACTICE PAPER

1. Explain Accrual Basis and Cash Basis of Accounting. (4)
2. Explain Imprest System of Petty Cash Book. (2)
3. List & explain the qualitative attributes of Accounting. (3)
4. What are the limitations of Financial Accounting? (3)
5. Explain: (6)
 - a. Conservation Principle
 - b. Going Concern Principle
 - c. Consistency Principle
6. Define Depreciation. What is the need for providing depreciation? (4)
7. Distinguish between Reserves and Provisions. (4)
8. Enter the following transactions in a Triple Column Cash Book: (10)

2011		Rs.
Jan 1	Bank Overdraft	12,000
	Cash- in- hand	2,300
7	Check received from S. Nair	4,000
	Discount allowed	200
9	Check received from S. Nair deposited in bank	
12	Cheque paid to Radha	2,500
	And discount received	50
15	S. Nair's cheque dishonoured	
20	Money withdrawn from bank for office use	3,400
23	Fees of children paid by cheque	75
25	Cheque received from Hira and endorsed it to Sunita on 27 th Jan	4,500
27	Bank charges	20
31	Paid into Bank the entire balance after retaining Rs. 700 at office	

9. Following transactions were recorded in the books of Sh. Darshan Kumar: (8)

2012	
March 1	Sold to Chandra Light House:
	50 Tube lights @ Rs. 60 each, Less: 20%

	20 Heaters @ 120 each, Less: 25%
5	Purchased from Charat Ram Electric Co.:
	25 Table Fans @ Rs. 600 each
	20 Ceiling Fans @ Rs 800 each
10	Chaudhary & Sons purchased from us:
	80 Dozen Bulbs @ Rs. 90 per Dozen
12	Purchased from Ram Lal & Sons one Typewriter for Rs. 6,000 on credit, for office use
16	Sri Ram & Sons sold to us:
	10 Electric Irons @ Rs. 180 each, less: 10%
20	Chandra Light House returned:
	5 Tube lights sold on March 1
22	Sold goods to Jai Bhagawan & Co. for cash Rs. 10,000
25	Returned to Sri Ram & Sons 2 Electric Irons purchased on March 16

You are required to prepare:

- (i) Purchase Book
- (ii) Sales Book
- (iii) Purchase Return Book
- (iv) Sales Return Book

10. Prepare a Bank Reconciliation Statement as on 30th September, 2003 from the following particulars: (8)

	Rs.
(i) Bank balance as per the Pass Book	10,000
(ii) Cheque deposited into the Bank, but no entry was passed into the Cash Book	500
(iii) Cheque received and entered into the Cash Book but not sent to bank	1,200
(iv) Credit side of the Cash Book bank column cast short	200
(v) Insurance Premium paid directly by the bank under the standing advice	600
(vi) Bank charges entered twice in the Cash Book	20
(vii) Cheque issued, but not presented to the bank for payment	500
(viii) Cheque received entered twice in the Cash Book	1,000
(ix) Bill discounted dishonoured not recorded in the Cash Book	5,000

11. Prepare a Bank Reconciliation Statement of Ruchika Ltd. as on 31st March, 2009 from the following information: (8)

- a. Credit Balance (Overdraft) as per Cash Book Rs. 25,000.
- b. Cheques paid into bank for collection Rs. 60,000 but cheques of Rs. 24,000 could only be collected in March, 09.
- c. A cheque of Rs. 3,500 issued to a Creditor, was entered by mistake in the Cash Column.
- d. A Cheque of Rs. 10,000 issued on 22nd March was not presented for payment whereas it was recorded twice in the Cash Book.

- e. A bill receivable for Rs. 8,000 previously discounted with the bank had been dishonoured and bank charges debited in the Pass Book amount to Rs. 125.
- f. In the Cash Book, a bank charge of Rs. 150 was recorded twice while another bank charge of Rs. 40 was not recorded at all.

12. A company, whose accounting year is the calendar year, purchased on 1st April, 2008, machinery costing Rs. 30,000. It purchased further machinery on 1st October, 2008, costing Rs. 20,000 and on 1st July, 2009, costing Rs. 10,000.

On 1st January, 2010, one-third of the machinery which was installed on 1st April, 2008 became obsolete and was sold for Rs. 3,000.

Show how the Machinery Account would appear in the books of the company, it being given that the machinery was depreciated by Fixed Instalments at 10% p.a. (10)

13. A, on a visit to a nearby town saw an opportunity to make some money. The town had a shortage of a certain product, which A could easily source from his friend. So A went to the bank and borrowed Rs. 10,00,000 @ 10% p.a. (interest to be paid at the end of every month), and put in Rs. 10,00,000 of his own capital, to set up the business.

Then he spent Rs. 5, 00,000 on office space, Rs. 3, 00,000 on furniture and Rs. 1, 00,000 on fixtures (paid by cheque). He then phones his friend & purchased Rs. 5, 00,000 of stock, and paid upfront receiving a cash discount of 10%. He also employed 2 persons to work under him @ salary of 10,000 per month each. All ready to approach the market, he saw fit to spend Rs. 50,000 on advertisement to build his brand.

At the end of the month, A had generated sales of Rs. 3, 56,000. He paid electricity and phone bill of Rs. 5,700 & salaries of Rs. 15,000 (rest is still unpaid). On a part of the sales, he earned a commission of Rs. 10,000 as well, out of which Rs. 8,000 was received in cash and the rest is still due to be received. He withdrew Rs. 20,000 for personal expenses.

Required: (20)

- a. Journalise the above for the month.
- b. Prepare the Bank Account, Salary Account, Capital Account, Advertisement Account and Drawings Account.

BUSINESS STUDIES (PRACTICE PAPER)

1. How are affairs of company managed? (1)
2. Is it the prime responsibility of insured to take reasonable steps to minimize loss to the damaged property? Name the principle. (1)
3. What is meant by World Trade Organisation? (1)
4. Which type of business risk involves both the possibility of gain as well as the possibility of loss? (1)
5. Why the size of sole proprietorship generally remain small? (1)
6. Who is a promoter? (1)

7. Which document contains the rules and regulations for the internal management of the company? (1)
8. How does e business provide customer convenience? (1)
9. What is meant by ADR? (1)
10. What is pre shipment finance? (1)
11. A business enterprise does not distribute all its earnings in the form of dividend instead it retains a part of it with itself so that it could be re-invested in the business. (1) Identify the concept discussed above.
(2) Explain any two advantages of the concept identified above. (3)
12. Rishabh insured his factory for Rs 5 lacs against fire. Due to fire, he suffered a loss of Rs 2 lacs. How much compensation can he claim from A and B? Why? (3)
13. Mention the factors responsible for lack of popularity of mail order retailing in India (3)
14. Identify the following enterprises to which form of public enterprises they are related and write 20 words for each :
(a) Indian Railways (b) RBI (c) Oil and Natural Gas Corporation (3)
15. Explain any three initiatives offered by the govt to small enterprises so that they can contribute in the development of overpopulated country like India. (3)
16. An organization manufacturing paints has been enjoying a prominent market position since many years. It has been dumping its untreated poisonous waste on the river bank which has created many health problems for nearby villages. Which values have been overlooked by manufacturer? (4)
17. Do you think small business units can survive in a competitive market? Explain the factors which make way for the scope of small business enterprises. (4)
18. What is Bill of Lading? How is it different from Bill of Entry? (4)
19. Imagine your life without local market. What difficulties would you face as customer if there is no retail shop? (4)
20. Give the meaning of Memorandum of Association. Briefly discuss its various clauses. (5)
21. Why global enterprises are considered superior to other business organizations? (5)
22. Mention any five causes responsible for inefficiency of Government enterprises. (5)
23. What is e banking? Explain the benefits of e banking to customers and banks. (5)
24. Business process outsourcing is a trend that is radically reshaping business world in India. In the light of above statement explain any six benefits of business process outsourcing (5)
25. Mohit is a sole proprietor. Over the past decade, her business has grown from a shop to a retail chain with three branches in the city. Although she looks after various branches, she is wondering whether she should form a company to manage business better. She is also planning to pen branches countrywide.
(1) Explain the benefits of remaining in a sole proprietorship.
(2) Explain any two benefits of converting to a Joint Stock Co.

(3) What role will her decision to go nationwide play in her choice of form of organisation?

(4) What legal formalities she will have to undergo to operate as a company? (6)

26. Wholesalers are unnecessary part in the chain between the manufacturer and consumers; they are parasites of the society. "Comment. (6)

OR

Differentiate between Departmental store and Multiple shops on the following basis:

(1) Location (2) Variety of Goods (3) Types of Customers (4) Decoration

(5) Pricing (6) Structure

27. Muksh industries have received an order to export 5 lakhs men trousers to a company in Australia. Describe the procedure for export till shipment of goods. (6)

OR

Describe any six documents used in import procedure.

28. Name the retail organisation where same types of commodities are sold in all the shops located all over the country and explain its five features. (6)

OR

Commercial banks play a very important role in the business world by performing a number of functions. Explain any five functions of commercial banks.

ECONOMICS - PROJECT WORK

Being an economics student you have been assigned to prepare a project on any one of the topics suggested by C.B.S.E.

The student in context of any project work are expected to use their own thought process based on their understanding of statistical methods.

PREPARE A PROJECT ON ANY ONE OF THE GIVEN TOPICS :-

- (I) Project report on consumer awareness among households with reference to electrical product like A.C. ,T.V. ,Refrigerator etc. using primary data which is to be collected through a survey on 10 households.
- (II) Project report on demographic structure of neighborhood [A survey on 10 families]
- (III) Project on changing prices of a few vegetables (6 - 8) in the market in past 2 weeks using primary data to study the effect of changing prices on the consumption pattern , do a survey of 10 households.

LAYOUT OF THE PROJECT FILE –

- (i) Introduction
- (ii) Acknowledgement

- (iii) List of contents
- (iv) Sample questionnaire
- (v) Research methodology (sample size ,methods adopted to collect data)
- (vi) Analysis & presentation of data
- (vii) Conclusion and inference .

NOTE : THE PROJECT SHOULD BE OF 15 TO 18 PAGES .

MATHEMATICS (PRACTICE PAPER)

GENERAL INSTRUCTIONS:

1. Q1 to Q7 are of 1 mark each. (Section A)
2. Q8 to Q19 are of 4 marks each. (Section B)
3. Q20 to Q26 are of 5 marks each. (Section C)
4. All Questions are compulsory.
5. Check that the question paper contains 3 printed sheets.

SECTION A

Q1 Write the set in roster form:

$$A = \{ x : x \text{ is a two-digit number such that sum of its digits is } 7 \}$$

Q2 Find the domain of the function

$$f(x) = \frac{x^2 + 3x + 5}{x^2 + 2x - 8}$$

Q3 Find the multiplicative inverse of $\sqrt{3} - 5i$

Q4 Show that the points (-2, 3, 5) (1, 2, 3) and (7, 0, -1) are collinear.

Q5 Find the ratio in which XY-plane divides the line segment formed by joining the points (-2, 4, -7) and (3, -5, 8)

Q6 Find the sum of 6 terms of the series 2, 6, 18,

Q7 The centroid of a ΔABC is at the point (1, 1, 1). If A is (3, -5, 7) and B is (-1, 7, -6) find point C.

SECTION B

Q8 (i) If $\lim_{x \rightarrow 3} \frac{x^n - 3^n}{x - 3} = 108$, find the positive integer n.

(ii) Find the derivative of $x^{-4}(3 - 4x^{-5})$

Q9 If $A = \frac{-15}{17}$, $\sin B = \frac{-5}{13}$ where A & B both lie in third quadrant. Find the value of $\cos(A - B)$, $\sin(A + B)$

Q10 Prove that $n(n+1)(n+5)$ is a multiple of 3 by using the principle of mathematical induction for all $n \in \mathbb{N}$

Q11 Find the number of arrangements of the letters of the word INDEPENDENCE. In how many of these arrangements

- i. Do the words start with P
- ii. Do all the vowels always occur together
- iii. Do the vowels never occur together?

Q12 Find the equation of ellipse whose centre is at the origin, foci are (1, 0) and (-1, 0) and eccentricity is $\frac{1}{2}$

Q13 Find the direction in which a straight line must be drawn through the point (-1, 2) so that its point of intersection with the line $x + y = 4$ may be at a distance of 3 units from this point.

Q14 In the ΔABC with vertices A(2, 3) B(4, -1) and C(1, 2), find the equation and length of altitude from the vertex B.

Q15 Two students Anil and Ashima appeared in an examination. The probability that Anil will qualify the examination is 0.05 and that Ashima will qualify the examination is 0.10. The probability that both will qualify is 0.02. Find the probability that (i) both Anil and Ashima will not qualify the examination. (ii) atleast one of them will not qualify the examination.

Q16 A fair coin is tossed 4 times and a person wins Re1 for each head and loses Rs1.50 for each tail that turns up. Calculate how many different amounts of money you can have after 4 tosses and the probability of having each of these amounts.

Q17 If $y = \frac{(2x^3+3x^2-5)}{(3x+2)}$ find $\frac{dy}{dx}$

Q18 If the sum of first p terms of an A.P is equal to the sum of first q terms, then find the sum of the first (p + q) terms.

Q19 Draw the graph of the function $f: \mathbb{R} \rightarrow \mathbb{R}$ defined by $f(x) = [x]$ where $[x]$ stands for greatest integer function. Also find its domain and range.

SECTION C

Q20 Convert the complex number $\frac{-16}{1+i\sqrt{3}}$ into polar form.

Q21 In a survey of 100 persons it was found that 28 read magazine A, 30 read magazine B, 42 read magazine C, 8 read magazines A and B, 10 read magazines A and C, 5 read magazines B and C and 3 read all three. Find how many read none of the 3 magazines and also find how many read magazine C only?

Q22 Solve the system of inequalities graphically:

$$x - 2y \leq 3$$

$$3x + 4y \geq 12$$

$$x \geq 0, y \geq 1$$

Q23 Find the mean, variance and standard deviation using shortcut method.

Height in cms	70-75	75-80	80-85	85-90	90-95	95-100	100-105	105-110	110-115
No. of children	3	4	7	7	15	9	6	6	3

Q24 The second, third and fourth terms in the binomial expansion $(x + a)^n$ are 240, 720 and 1080 respectively. Find x, a and n.

Q25 (i) Solve: $\cos 3x + \cos x - \cos 2x = 0$

(ii) Prove that $2 \cos \frac{\pi}{13} \cos \frac{9\pi}{13} + \cos \frac{3\pi}{13} + \cos \frac{5\pi}{13} = 0$

Q26 A committee of 8 has to be formed from 9 men and 4 women. In how many ways can this be done when committee consists of:

- i. Exactly 3 women
- ii. Atleast 3 women