

Question Paper

Conducted by the Central Board of Secondary Education (CBSE)



Time Allowed: 3 Hours

Maximum Marks: 80

General Instructions

- (i) This question paper contains **32 questions**, divided into Part A and Part B.
- (ii) Part A is compulsory for all candidates.
- (iii) Part B has two options: **Option I - Analysis of Financial Statements** and **Option II - Computerised Accounting**. Attempt only one option.
- (iv) Questions 1 to 13 and 23 to 29 carry 1 mark each.
- (v) Questions 14 and 30 carry 3 marks each. Questions 15 to 18 and 31 carry 4 marks each.
- (vi) Questions 19, 20 and 32 carry 6 marks each. Questions 21 and 22 carry 8 marks each.
- (vii) Attempt one alternative where an internal choice is provided. Write all parts of an answer at one place.

1. Srishti, Nitya and Anand were partners in a firm sharing profits and losses in the ratio of 3 : 2 : 1. Srishti retired from the firm selling her share of profits to Nitya and Anand in the ratio of 2 : 1. The new profit sharing ratio between Nitya and Anand will be:

- (A) 3 : 2 (B) 17 : 11
(C) 2 : 1 (D) 19 : 11

2. Which of the following is not a revenue receipt?

- (A) Donations for Tournament (B) Government Grants
(C) Subscriptions (D) Entrance Fees

3. Nominal share capital is:

- (A) That part of authorised capital which is issued by the company. (B) The amount of capital which is actually applied by prospective shareholders.
(C) The amount of capital which is paid by the shareholders. (D) The maximum amount of share capital that a company is authorised to issue.

4. Aditya and Shiv were partners in a firm with capitals of ₹ 3,00,000 and ₹ 2,00,000, respectively. Naina was admitted as a new partner for 1/5th share in the profits of the firm. Naina brought ₹ 1,20,000 for her share of goodwill premium and ₹ 2,40,000 for her capital. The amount of goodwill premium credited to Aditya will be:

- (A) ₹ 40,000 (B) ₹ 30,000
(C) ₹ 72,000 (D) ₹ 60,000

5. Distinguish between Income and Expenditure Account and Receipts and Payments Account on the basis of 'Nature of items'.

6. Vidit and Seema were partners in a firm sharing profits and losses in the ratio of 3 : 2. Their capitals were ₹ 1,20,000 and ₹ 2,40,000, respectively. They were entitled to interest on capitals @ 10% p.a. The firm earned a profit of ₹ 18,000 during the year. The interest on Vidit's capital will be:

- (A) ₹ 12,000 (B) ₹ 10,800
(C) ₹ 7,200 (D) ₹ 6,000

7. At the time of admission of a new partner in the firm, the new partner compensates the old partners for their loss of share in the super-profits of the firm for which he brings in an additional amount which is known as _____.

8. Pragya Ltd. forfeited 8,000 equity shares of ₹ 100 each issued at a premium of 10% for non-payment of first and final call of ₹ 30 per share. The maximum amount of discount at which these shares can be reissued will be:

- (A) ₹ 80,000 (B) ₹ 3,20,000
(C) ₹ 5,60,000 (D) ₹ 2,40,000

9. What is meant by 'Issue of Debentures as a Collateral Security'?

10. Utsav Ltd. decided to redeem its 4,000, 9% Debentures of ₹ 100 each which were issued at a discount of 8%, and were redeemable at a premium of 10%. The amount transferred to Debenture Redemption Reserve will be:

- (A) ₹ 4,00,000 (B) ₹ 2,00,000
(C) ₹ 1,10,000 (D) ₹ 1,00,000

11. 'Interest paid on debentures is a charge against the profits of the company.' Is this statement correct? Give reason in support of your answer.

12. From the given extracts obtained from the Receipts and Payments Account of Cheema Club for the year ended 31st March, 2019 and additional information, calculate the amount of subscription in arrears as on 31st March, 2019.

Subscriptions Received	₹
2017-18	10,000
2018-19	1,20,000
2019-20	7,000

Additional Information: The Club had 130 members paying an annual subscription of ₹ 1,000 each. Subscriptions in arrears at the beginning of the year were ₹ 16,000. 10 members paid subscriptions for 2018-19 in 2017-18.

13. The directors of Axim Ltd. forfeited 20,000 equity shares of ₹ 10 each, ₹ 8 per share called up for non-payment of first call of ₹ 2 per share. Final call of ₹ 2 per share has not been yet called. Half of the forfeited shares were reissued as fully paid up for ₹ 15 per share. The amount transferred to Capital Reserve will be:

- (A) ₹ 2,00,000 (B) ₹ 1,20,000
(C) ₹ 60,000 (D) ₹ 40,000

14. How will the following information of Royal Sports Club be presented in the Income and Expenditure Account for the year ended 31st March, 2019 and its Balance Sheet as on that date?

Particulars	Amount (₹)
Tournament Fund as on 1st April, 2018	5,00,000
Tournament expenses incurred during the year	8,00,000
Donations for Tournament Fund received during the year	1,20,000
Sale of Tournament tickets during the year	1,50,000

OR

14. From the following particulars relating to Ganesh Charitable Society, prepare a Receipts and Payments Account for the year ending 31st March, 2019:

Particulars	Amount (₹)
Opening balance of cash	20,000
Subscriptions received: 2017-18	25,000
2018-19	1,00,000
2019-20	15,000 = 1,40,000
Entrance fees received	45,000
Sale of old sports material	5,000
Rent paid	19,000
Donations received for construction of building	1,00,000
Office expenses paid	23,000

15. Yash and Karan were partners in an interior designer firm. Their fixed capitals were ₹ 6,00,000 and ₹ 4,00,000 respectively. There were credit balances in their current accounts of ₹ 4,00,000 and ₹ 5,00,000 respectively. The firm had a balance of ₹ 1,00,000 in General Reserve. The firm did not have any liability. They admitted Radhika into partnership for 1/5th share in the profits of the firm. The average profits of the firm for the last five years were ₹ 5,00,000. Calculate the value of goodwill of the firm by capitalization of average profits method. The normal rate of return in the business is 10%.

OR

15. Samiksha, Ash and Divya were partners in a firm sharing profits and losses in the ratio of 5 : 3 : 2. With effect from 1st April, 2019, they agreed to share future profits and losses in the ratio of 2 : 5 : 3. Their Balance Sheet showed a debit balance of ₹ 50,000 in the Profit and Loss Account and a balance of ₹ 40,000 in the Investment Fluctuation Fund. For this purpose, it was agreed that:

- Goodwill of the firm be valued at ₹ 3,00,000.
- Investments of book value of ₹ 5,00,000 be valued at ₹ 4,80,000.

Pass the necessary journal entries to record the above transactions in the books of the firm.

16. The capital accounts of Alka and Archana showed credit balances of ₹ 4,00,000 and ₹ 3,00,000 respectively, after taking into account drawings and net profit of ₹ 2,00,000. The drawings of the partners during the year 2018-19 were:

- Alka withdrew ₹ 10,000 at the end of each quarter.
- Archana's drawings were: 31st May, 2018 – ₹ 8,000; 1st November, 2018 – ₹ 7,000; 1st February, 2019 – ₹ 5,000.

Calculate interest on partners' capitals @ 10% p.a. and interest on partners' drawings @ 6% p.a. for the year ended 31st March, 2019.

17. Naveen, Kavita and Vishesh were partners in a firm sharing profits and losses in the ratio of 5 : 4 : 1. Their Balance Sheet as at 31st March, 2019 was as follows:

Liabilities	Amount	Assets	Amount
Capitals: Naveen 3,00,000 Kavita 2,00,000 Vishesh 1,00,000	6,00,000	Plant and Machinery	5,50,000
Profits for the year 2018-19	1,50,000	Stock	1,20,000
Sundry Creditors	1,10,000	Debtors	1,30,000
		Cash	40,000
		Advertisement Expenditure	20,000
Total	8,60,000	Total	8,60,000

Naveen died on 30th June, 2019. According to the partnership deed, in addition to the deceased partner's capital, the executors are entitled to:

- His share in profits on the basis of average profits of the last two years. The profit for the year 2017-18 was ₹ 50,000.
 - His share in the goodwill of the firm.
- Goodwill was to be calculated on the basis of two years' purchase of the average profits of the last two years.

Naveen withdrew ₹ 60,000 on 1st June, 2019. Prepare Naveen's Capital Account which is to be rendered to his executor.

18. From the given Receipts and Payments Account and additional information of Premier Club for the year ended 31st March, 2019, prepare Income and Expenditure Account for the year ended 31st March, 2019 and Balance Sheet as on that date.

Receipts and Payments Account of Premier Club for the year ended 31st March, 2019

Receipts	Amount	Payments	Amount
To Balance b/d	80,900	By Furniture and Equipment (Purchased on 1.10.2018)	1,00,000
To Donations	39,000	By Salaries	62,000
To Subscriptions: 2017-18	12,000	By Balance c/d	68,600
2018-19	70,000		
2019-20	9,000 = 91,000		
To Interest received	19,700		
Total	2,30,600		2,30,600

Additional Information:

- (i) On 1st April, 2018, the Club had the following balance of assets and liabilities: Furniture and Equipment ₹ 1,80,000, Subscriptions in arrears ₹ 15,000, and Outstanding Salary ₹ 13,000.
- (ii) Charge depreciation on Furniture and Equipment @ 10% p.a.
- (iii) The Club had 90 members, each paying an annual subscription of ₹ 1,000.

19. Simar, Raja and Rita were partners in a firm sharing profits and losses in the ratio of 2 : 2 : 1. The firm was dissolved on 31st March, 2019. After the transfer of assets (other than cash) and external liabilities to the Realization Account, the following transactions took place:

- (i) A debtor whose debt of ₹ 90,000 had been written off as bad, paid ₹ 88,000 in full settlement.
- (ii) Creditors to whom ₹ 1,21,000 were due to be paid, accepted stock at ₹ 71,000 and the balance was paid to them by a cheque.
- (iii) Raja had given a loan to the firm of ₹ 18,000. He was paid ₹ 17,000 in full settlement of his loan.
- (iv) Investments were ₹ 53,000 out of which investments worth ₹ 43,000 were taken over by Simar at ₹ 52,000 and the balance of the investments were sold for ₹ 12,000.
- (v) Expenses on dissolution amounted to ₹ 19,000 and the same were paid by the firm.
- (vi) Profit on dissolution amounted to ₹ 30,000.

Pass the necessary journal entries for the above transactions in the books of the firm.

20. (i) Kati Ltd. issued 8,000, 9% debentures of ₹ 100 each at a discount of 10%. The full amount was payable on application. Applications were received for 9,000 debentures and allotment was made on pro-rata basis. Pass the necessary journal entries for the above transactions in the books of Kati Ltd.

(ii) Pivot Ltd. issued 40,000, 11% debentures of ₹ 100 each on 1st April, 2015. Half of the debentures were due for redemption on 31st March, 2019. The company decided to transfer the minimum required amount to Debenture Redemption Reserve on 31st March, 2018 and invested the necessary amount in Debenture Redemption Investments on 30th April, 2018. Pass the necessary journal entries for Redemption of Debentures.

20. (i) Rama Ltd. took over the following assets and liabilities of Krishna Ltd. on 1st April, 2019: Land and Building ₹ 50,00,000; Furniture ₹ 10,00,000; Stock ₹ 5,00,000; Creditors ₹ 7,00,000. The purchase consideration of ₹ 60,00,000 was paid by issuing 12% debentures of ₹ 100 each at a premium of 20%. Pass the necessary journal entries for the above in the books of Rama Ltd.

(ii) On 1st April, 2018, Sakshi Ltd. issued 1,000, 11% Debentures of ₹ 100 each at a discount of 6%, redeemable at a premium of 5% after three years. Pass the necessary journal entries for the issue of debentures in the books of Sakshi Ltd.

(iii) On 1st April, 2016, Canara Bank issued 5,000, 9% debentures of ₹ 100 each at a premium of 6%, redeemable on 31st March, 2019, at a premium of 10%. The issue was fully subscribed. Pass the necessary journal entries for redemption of debentures in the books of Canara Bank.

21. V.D. Ltd. invited applications for issuing 2,00,000 equity shares of ₹ 10 each at a premium of ₹ 6 per share. The amount per share was payable as follows: On application – ₹ 3 (including premium ₹ 1); On allotment – ₹ 7 (including premium ₹ 5); On first and final call – Balance amount.

Applications were received for 2,50,000 shares. Applicants for 10,000 shares were sent letters of regret and application money returned to them. Shares were allotted to the remaining applicants on a pro-rata basis. Money overpaid on application was adjusted towards the sums due on allotment.

The company received all the money due on allotment except from Agam, who was allotted 1,000 shares. Her shares were forfeited immediately after allotment. Afterwards, the first and final call was made. Seema, the holder of 2,000 shares, did not pay the first and final call on her shares. Her shares were also forfeited. 50% of the forfeited shares, each of Agam and Seema, were reissued as fully paid-up @ ₹ 16 per share.

Pass the necessary journal entries to record the above transactions in the books of V.D. Ltd.

21. Konark Ltd. invited applications for issuing 3,00,000 shares of ₹ 10 each. The amount per share was payable as follows: ₹ 3 on application, ₹ 3 on allotment, and ₹ 4 on first and final call.

The company received applications for 4,00,000 shares. Allotment was done as follows:

(i) Applicants of 2,40,000 shares were allotted 2,00,000 shares.

(ii) Applicants of 1,20,000 shares were allotted 80,000 shares.

(iii) Remaining applicants were allotted 20,000 shares.

Money overpaid on applications was adjusted towards sums due on allotment. Divij, a shareholder, belonging to group (ii), who had applied for 6,000 shares, failed to pay allotment and call money. Faisal, another shareholder, who was allotted 10,000 shares, paid the call money along with allotment. Faisal belonged to group (i).

Divij's shares were forfeited after the first and final call. Half of the forfeited shares were reissued @ ₹ 10 per share fully paid. Pass the necessary journal entries to record the above transactions in the books of the company.

22. Madhuri and Arsh were partners in a firm sharing profits and losses in the ratio of 3 : 1. Their Balance Sheet as at 31st March, 2019, was as follows:

Liabilities	Amount	Assets	Amount
Capitals: Madhuri 3,00,000 Arsh 2,00,000	5,00,000	Machinery	4,70,000
Workmen's Compensation Fund	60,000	Investments	1,10,000
Creditors	1,90,000	Debtors 1,20,000 Less: Provision for doubtful debts 10,000	1,10,000
Employees' Provident Fund	1,10,000	Stock	1,40,000
		Cash	30,000
Total	8,60,000	Total	8,60,000

On 1st April, 2019, they admitted Jyoti into partnership for 1/5th share in the profits of the firm. Jyoti brought proportionate capital and ₹ 40,000 as her share of goodwill premium. The following terms were agreed upon:

- Provision for doubtful debts was to be maintained at 10% on debtors.
- Stock was undervalued by ₹ 10,000.
- An old customer whose account was written off as bad, paid ₹ 15,000.
- 20% of the investments were taken over by Arsh at book value.
- Claim on account of workmen's compensation amounted to ₹ 70,000.
- Creditors included a sum of ₹ 27,000 which was not likely to be claimed.

Prepare Revaluation Account, Partners' Capital Accounts, and the Balance Sheet of the reconstituted firm.

OR

22. Anita, Gaurav and Sonu were partners in a firm sharing profits and losses in proportion to their capitals. Their Balance Sheet as at 31st March, 2019 was as follows:

22. (continued)

Liabilities	Amount	Assets	Amount
Capitals: Anita 2,00,000 Gaurav 2,00,000 Sonu 1,00,000	5,00,000	Land and Building	5,00,000
Investment Fluctuation Fund	40,000	Investments	1,20,000
General Reserve	30,000	Debtors 1,50,000 Less: Provision for doubtful debts 10,000	1,40,000
Creditors	4,60,000	Stock	1,00,000
		Cash at bank	1,70,000
Total	10,30,000	Total	10,30,000

On the above date, Anita retired from the firm and the remaining partners decided to carry on the business. It was agreed to revalue the assets and reassess the liabilities as follows:

22. (continued)

- Goodwill of the firm was valued at ₹ 3,00,000 and Anita's share of goodwill was adjusted in the capital accounts of the remaining partners, Gaurav and Sonu.
- Land and Building was to be brought up to 120% of its book value.
- Bad debts amounted to ₹ 20,000. A provision for doubtful debts was to be maintained at 10% on debtors.
- Market value of investments was ₹ 1,10,000.
- ₹ 1,00,000 was paid immediately by cheque to Anita out of the amount due and the balance was to be transferred to her loan account which was to be paid in two equal annual instalments along with interest @ 10% p.a.

Prepare the Revaluation Account, Partners' Capital Accounts and the Balance Sheet of the reconstituted firm on Anita's retirement.

23. An investment normally qualifies as a cash equivalent only when it has a maturity of _____ months or less from the date of acquisition.

24. X Ltd. purchased furniture for ₹ 20,00,000 paying 60% by issue of equity shares of ₹ 10 each and the balance by a cheque. This transaction will result in:

- | | |
|---|---|
| (A) Cash used in investing activities ₹ 20,00,000. | (B) Cash generated from financing activities ₹ 12,00,000. |
| (C) Increase in cash and cash equivalents ₹ 8,00,000. | (D) Cash used in investing activities ₹ 8,00,000. |

25. Which of the following is not a limitation of 'Financial Statements Analysis'?

- | | |
|--------------------------------------|--|
| (A) It is affected by personal bias. | (B) Inter-firm comparative study possible. |
| (C) Lack of qualitative analysis. | (D) Ignores price level changes. |

26. State the objective of preparing 'Cash Flow Statement'.

27. Under which of the following head/subhead is 'Forfeited Shares' presented in the Balance Sheet of a company?

- | | |
|---------------------------------|-------------------------------|
| (A) Reserves and Surplus | (B) Share Capital |
| (C) Other Long-term Liabilities | (D) Other Current Liabilities |

28. Which of the following is not a subhead under the Current Assets?

- | | |
|-----------------------------------|-----------------|
| (A) Cash and Cash Equivalents | (B) Trademarks |
| (C) Short-term Loans and Advances | (D) Inventories |

29. What will be the effect of purchase of goods for cash ₹ 3,000 on Gross Profit Ratio?

30. From the following information obtained from the books of P. Ltd., calculate, (i) Return on Investment, and (ii) Debt-Equity Ratio:

Information: Net Profit after interest and tax ₹ 6,00,000; 6% Debentures ₹ 10,00,000; Capital employed ₹ 20,00,000, and Tax rate 40%.

OR

30. (i) Current Liabilities ₹ 1,50,000, Current Assets ₹ 2,80,000, Inventories ₹ 40,000, Advance Tax ₹ 30,000, and Prepaid Rent ₹ 10,000. Calculate Quick Ratio.

(ii) Average Inventory ₹ 60,000, Revenue from Operations ₹ 6,00,000, the rate of Gross Loss on Sales is 10%. Calculate the Inventory Turnover Ratio.

31. From the following particulars obtained from the books of Mark Ltd., prepare a Comparative Statement of Profit and Loss:

Particulars	2017-18 (₹)	2016-17 (₹)
Revenue from operations	50,00,000	40,00,000
Purchase of stock-in trade	40,00,000	30,00,000
Changes in inventory	10,00,000	8,00,000
Other expenses	5,00,000	4,00,000
Other incomes	2,50,000	2,00,000

OR

31. From the following Balance Sheet of Swaraj Ltd., as at 31st March, 2019, prepare a common size Balance Sheet:

Particulars	31.3.2019 (₹)	31.3.2018 (₹)
I - Equity and Liabilities:		
1. Shareholders Funds: (a) Share Capital	34,00,000	30,00,000
(b) Reserves and Surplus	10,00,000	10,00,000
2. Non-Current Liabilities: Long-term Borrowings	5,00,000	3,00,000
3. Current Liabilities: Trade Payables	1,00,000	7,00,000
Total	50,00,000	50,00,000
II - Assets:		
1. Non-Current Assets: Tangible Assets	36,00,000	28,00,000
2. Current Assets: (a) Inventories	13,00,000	20,00,000
(b) Cash and Cash Equivalents	1,00,000	2,00,000
Total	50,00,000	50,00,000

32. Cash flow from the operating activities of Pinnacle Ltd. for the year ended 31st March, 2019 was ₹ 28,000. The Balance Sheet along with notes to accounts of Pinnacle Ltd. as at 31st March, 2019 is given below:

Pinnacle Ltd. — Balance Sheet as at 31st March, 2019

32. (continued)

Particulars	Not e No.	31.3.2019 (₹)	31.3.2018 (₹)
I - Equity and Liabilities:			
1. Shareholders Funds: (a) Share Capital		9,00,000	5,00,000
(b) Reserves and Surplus	1	90,000	1,10,000
2. Non-Current Liabilities: Long-term Borrowings	2	3,00,000	2,00,000
3. Current Liabilities: Trade Payables		60,000	80,000
Total		13,50,000	8,90,000
II - Assets:			
1. Non-Current Assets: (i) Tangible Assets	3	7,46,000	5,24,000
(ii) Intangible Assets	4	36,000	76,000
2. Current Assets: (a) Current Investments		1,30,000	20,000
(b) Inventories		2,00,000	1,30,000
(c) Cash and Cash Equivalents		2,38,000	1,40,000
Total		13,50,000	8,90,000

32. (continued)

Notes to Accounts:

1. Reserves and Surplus (Balance in Statement of Profit and Loss): 90,000 / 1,10,000
2. Long-term Borrowings: 9% Debentures: 3,00,000 / 2,00,000
3. Tangible Assets: Plant and Machinery 8,86,000 / 6,04,000; Accumulated Depreciation (1,40,000) / (80,000); Net 7,46,000 / 5,24,000
4. Intangible Assets: Goodwill 36,000 / 76,000

Additional information:

- (i) A machinery of the book value of ₹ 90,000 (depreciation provided thereon was ₹ 23,000), was sold at a profit of ₹ 12,000.
- (ii) 9% debentures were issued on 1st April, 2018.

Prepare the Cash Flow Statement.

23. Hardware refers to:

- (A) System software and application software. (B) Computer associated peripherals and their network.
(C) A logical sequence of actions to perform a task. (D) All of the above.

24. To safeguard assets and optimise the use of resources, a business:

- (A) Keeps internal controls. (B) Only tries to achieve maximum revenue.
(C) Only ensures accurate accounting records. (D) Only safeguards assets.

25. The existence of data in a 'primary key' field is:

- (A) Not necessarily required. (B) Required but need not be unique.
(C) Required and must be unique. (D) All of the above.

26. A ##### error appears when:

- (A) A negative data is used. (B) Column is not wide enough.
(C) Negative time is used. (D) All of the above.

27. The _____ provides real power to database in terms of its capacities to answer complex requests involving data to be taken from tables.

28. A code which consists of alphabet or abbreviation as symbol to codify a piece of information is known as _____ code.

29. A _____ voucher is used for adjustment of non-cash transaction in the ledger.

30. What information is provided by a salary bill?

OR

30. List the various attributes of a 'payroll' database.

31. Explain 'closing entry' and 'adjustment entry' with the help of examples.

OR

31. Explain any four advantages expected by the user for paying high price for a chosen server database.

32. Tolga Ltd. has its offices in Delhi and Chandigarh. HRA for Delhi is ₹ 25,000 and for Chandigarh is ₹ 20,000. DA is calculated on Basic Pay (BP) as 16% for BP < ₹ 22,000 and 12% for BP ≥ ₹ 23,000. Standard number of days are taken as 30 days per month.

Give the formulae and calculate the amount of Gross Salary on Excel for the following employees:

(i) Purnima is working in Delhi office. Her Basic Pay is ₹ 40,000. She has availed four days of leave without pay.

(ii) Prakash is working in Chandigarh office. His Basic Pay is ₹ 20,000. He did not take any leave.

- End of Question Paper -