

Central Tribal University of Andhra Pradesh
Semester End Examination-June/July-2024

Name of the Program : B.Sc. Artificial Intelligence
Name of the Course : Basics of Accounting
Course Code: BTM 171 **Semester: II**
Max Time: 03 Hrs. **Max. Marks: 70**

Part-A

Answer all ten questions. Each question Carry 1 mark each. (10qx1m =10M)

1. Mention any four concepts of accounting.
2. What is Journal?
3. Write two differences between Cost accounting and management accounting.
4. Write a short note on dual aspect concept.
5. Write the accounting equation.
6. Write a journal entry for the following transaction"
Purchased goods on credit at Rs 1,00,000
7. What are the three types of Cash flows?
8. What you mean by flow of fund?
9. What is the difference between Direct labour cost and indirect labour cost?
10. How to calculate Cost of Sales?

Part-B

Answer any four questions. All questions carry 5 marks each. (4qx5m = 20M)

11. Differentiate between Financial accounting and management accounting.
12. Transactions of Mahesh for April are given below: Prepare Journal

Jan-01	Started Business with Rs 6,000
Jan-02	bought goods worth Rs 4,000
Jan-09	Received order for half of the goods from Mr "F"
Jan-12	Delivered the goods to Mr. "F" and Invoiced Rs 2,600
Jan-15	Received order for remaining half of the total goods purchased
Jan-21	Delivered goods and received cash Rs 2,400
Jan-30	Mr. "F" makes payment
Jan-31	Paid salaries Rs 420 and received interest Rs 100

13. From the following balance sheet prepare statement of changes in working capital;

	31-Dec-19	31-Dec-18
Assets:		
Cash in hand and at bank	1,50,000	70,000
Accounts receivable	1,80,000	1,96,000
Stock	2,40,000	1,74,000
Land	60,000	40,000
Long term investments	20,000	30,000
Total Assets	6,50,000	5,10,000
Capital and Liabilities		
Equity Capital	3,00,000	2,50,000
Accounts Payable	2,00,000	1,40,000
General Reserve	1,50,000	1,20,000
Total Capital and Liabilities	6,50,000	5,10,000

14. Calculate cash from operating activities from the following information:

	31-Mar-21	31-Mar-22
Profit and Loss account	120000	130000
Debtors	170000	96000
Bills receivable	80000	162000
General Reserve	344000	414000
Wages outstanding	52000	16000
Salaries Prepaid	16000	20000
Goodwill	140000	120000

15. From the given information calculate Quick ratio, Stock Turnover ratio, Debt-Equity ratio and Return on Investment ratio;

Current Assets	1000000
Opening stock	100000
Closing stock	300000
Cost of Goods Sold	2400000
Gross Profit	400000
Indirect expenses	40000

Equity share capital	1400000
10% Preference Share capital	600000
12% Debenture	400000
Current Liabilities	400000
General Reserve	200000

16. Explain the objectives of Cost accounting.

Part-C

Answer either A or B from each question. All questions carry 10 marks each.

(4q x 10m = 40M)

17 A) Transactions of Mahesh for April are given below: Prepare Journal, Ledger and Trial Balance

2022		
Apr-01	Mahesh started business with	20000
Apr-02	Paid into bank	14000
Apr-03	Bought goods for cash	1000
Apr-05	Drew Cash from Bank for Credit	200
Apr-13	Sold goods to Krishna on credit	300
Apr-20	Bought from Shyam goods on credit	450
Apr-24	Received from Krishna	290
Apr-24	Allowed him Discount	10
Apr-28	Paid Shyam cash	430
Apr-28	Discount allowed	20
Apr-30	Cash sales for the month	1600
Apr-30	Paid Rent	100
Apr-30	Paid Salary	200

OR

17 B) Explain the process of preparation of Profit and Loss account and balance sheet.

18 A) Following is the Trial Balance of XYZ Limited as on 31 March 2019"

		(Figures in RS.)	
Particulars	Debit Amount	Particulars	Credit Amount
Land at cost	440	Equity Capital (Shares of Rs 10 each)	600
Plant and Machinery at cost	1540	10% Debentures	400
Trade receivables	192	General Reserve	260
Inventories (31.3.2019)	172	Profit and Loss account	144
Bank	40	Securities Premium	80
Adjusted Purchases	640	Sales	1400
Factory Expenses	120	Trade Payables	104
Administration Expenses	60	Provision for Depreciation	344
Selling Expenses	60	Suspense Account	8
Debenture Interest	40		
Interim Dividend Paid	36		
Total	3340	Total	3340

Additional Information: (i) The authorized share capital of the company is 80,000 shares of Rs 10 each. (ii) The company on the advice of independent valuer wish to revalue the land at Rs. 7,20,000. (iii) Declared final dividend @ 10%. (iv) Suspense account of Rs 8,000 represents cash received for the sale of some of the machinery on 1.4.2018. The cost of machinery was Rs. 20,000 and the accumulated depreciation thereon being Rs. 16,000. (v) Depreciation is to be provided on plant and machinery at 10% on cost. You are required to prepare XYZ Limited Balance sheet as on 31.3.2019 and statement of profit and loss with notes to accounts for the year ended 31.3.2019 as per schedule III. Ignore previous Years figures and Taxation.

OR

18 B) The role of accounting has transformed from recording system to information system. Justify.

19 A) Prepare a Cash flow statement on the basis of the information given the balance sheets of E.S Ltd.

Liabilities	2011	2012	Assets	2011	2012
Share Capital	400000	500000	Goodwill	20000	4000
12% Debentures	200000	160000	Land and Building	400000	560000
General reserve	100000	140000	Machinery	200000	260000
Creditors	80000	120000	Debtors	80000	120000
Bills payable	40000	200000	Stock	140000	180000
Outstanding Expenses	50000	40000	Cash	30000	36000
	870000	1160000		870000	1160000

OR

19 B) Explain the process of preparation of Fund Flow Statement.

20 A) Details for PQR Manufacturing for the month of April 2024;

Particulars	Amount (INR)
Direct Materials	
Raw materials purchased	1000000
Opening stock of raw materials	200000
Closing stock of raw materials	160000
Direct Labor	
Wages paid to workers	600000
Factory Overheads	
Indirect materials	60000
Indirect labor	40000
Depreciation of factory equipment	20000
Other factory expenses	80000
Administrative Overheads	
Salaries	100000
Office rent	20000
Miscellaneous expenses	10000
Selling and Distribution Overheads	
Advertising	50000
Sales commission	30000
Transportation	20000
Other Information	
Opening stock of finished goods	400000
Closing stock of finished goods	360000
Units produced	20000
Units sold	19000
Selling price per unit	300

Prepare a Cost Sheet from the above Information.

OR

20 B) Explain the different types of financial ratios and its importance in business decision making.