LOYOLA COLLEGE (AUTONOMOUS), CHENNAI - 600 034



B.Sc. DEGREE EXAMINATION -COMPUTER SCIENCE

FOURTH SEMESTER - APRIL 2018

CO 4206- ACCOUNTS AND BUSINESS APPLICATIONS

Date: 02-05-2018	Dept. No.	Max.: 100 Marks
Time: 09:00-12:00	'	

SECTION A

Answer the following:

 $10 \times 2 = 20$

- 1. What is a Ledger?
- 2. Why is a Balance Sheet prepared?
- 3. Write down any two advantages of Subsidiary books.
- 4. What is imprest system of petty cash?
- 5. What is Contra entry?
- 6. A company purchased a plant for Rs 1, 00,000. The useful life of the plant is 10 years and the residual value is Rs 20,000. Find out the rate of depreciation.
- 7. Classify the following items into Personal, Real and Nominal Accounts.
 - a) Drawings b) Machinery c) Rent Received d) Wages
- 8. Rectify the following journal entries:
 - a. a) Purchases A/c Dr
- b) Arul A/c Dr
- i. To Cash A/c

To Cash A/c

- b. (Being furniture purchased)
 - (Being Salary paid to Arul)

- 9. Fill in the blanks:
 - a) A statement showing assets and liabilities of a business is -----.
 - b) Properties of business concern are known as -----.
- 10. True or False:
 - a) Journal is a book of secondary entry.
 - b) Land and building is a current asset.

SECTION B

Answer any FOUR of the following:

 $4 \times 10 = 40$

- 11. Define Depreciation. Explain the need for providing depreciation?
- 12. Who are the parties interested in accounting information?
- 13. Distinguish between Journal and Ledger.
- 14. On 1st January 2008, a firm purchased an Machinery Account on Rs.2,50,000. On 31stDecember 2010 the machinery purchased on 1st January 2008 having become obsolete was sold off for Rs. 1,65,000. The firm provides depreciation at 10% per annum on Straight Line Method. Prepare Machinery account.
- 15. Enter the following transactions in an analytical petty cash book of Ms. Yamini and balance the

same. On 1st April 2003 the petty cashier started with an imprest amount of Rs. 1,500.

		Rs.
2003 April 1	Postage Stamps purchased	50
3	Sweeper and Scavenger paid	25
5	Conveyance to Manager	457
6	Telegram to Mumbai	44
7	Stationery purchased	68
10	Lorry hire for goods sent	250
13	Cartage and Cooly on goods bought	75
18	Repairs to Cycles	30
19	Service Charges to Typewriters	75
22	Ink and Gum purchased	23
24	Advertisement charges	100
27	Subscription paid to the Hindu	125
28	Tea to customers	12

- 16. From the particulars of Mr.Sathish, ascertain the Bank balance as per pass book on 31 December, 2003.
 - a) The Bank Balance as per Cash Book was Rs 11, 500 on December 31, 2003.
 - b) Cheques paid but not cashed before that date amounted to Rs 1,750.
 - c) Cheques paid into Bank, but not cleared before December 31, 2003 amounted to Rs 2,150.
 - d) Interest on Investments collected by the bank but not entered in the Cash Book amounted to Rs 275.
 - e) Local cheques paid in but not entered in the Cash Book Rs 250.
 - f) Bank charges debited in the Pass Book Rs 95.
- 17. Enter the following transactions in the proper Subsidiary Books of Mr. Naveen & Co.

2003 Nov. 1	Bought from Vijay 300 bags of wheat Rs.1,000 per bag Less Trade Discount 10%
3	Purchased from Madhu 150 bags of rice Rs.900 per bag Less Trade Discount 10%
5	Returned to Vijay 10 bags of wheat which were purchased on 1.11.2003.
7	Sold to Shiva 50 bags of rice Rs.1,200 per bag Less Trade Discount 5%
12	Sold to Sharma 25 bags of wheat Rs.1,300 per bag Less Trade Discount 10%
14	Returned 15 bags of rice to Madhu.
15	Shiva returned 5 bags of rice.

18. Prepare Trial Balance from the following balances as on 30.6.2004.

Particulars	Rs.	Particulars	Rs.
Capital	2,49,000	Drawings	24,000
General expenses	97,000	Building	78,000
Machinery	1,18,680	Stock	1,32,400
Wages	14,400	Insurance	2,610
Bad debts	1,100	Creditors	5,000
Sales	3,30,720	Loan (cr)	75,000
Commission	5,500	Purchases	2,10,800
Bills Payable	7,700	Reserve Fund	15,000
Bank Overdraft	28,600	Cash in hand	25,320
Discount	1,210		

SECTION C

Answer Any TWO of the following:

 $2 \times 20 = 40$

19. The following figures relate to Assir Traders Ltd for the year ended 31.12.97.

Trading & Profit &Loss Account

Particulars	Rs.	Particulars	Rs.
To Opening Stock	75,000	By Sales 5,20,000	
To Purchases	3,25,000	Less Returns 20,000	5,00,000
To Gross Profit	2,00,000	By Closing Stock	1,00,000
	6,00,000		6,00,000
To Operating Expenses:		By Gross Profit B/d	2,00,000
Administration Expenses	40,000	By Non-Operating Income:	
Selling Expenses	25,000	Dividend	9,000
To Non-Operating Expenses:		Profit on sale of shares	11,000
Loss on sale of assets	5,000		
To Net Profit	1,50,000		
	2,20,000		2,20,000

Calculate:

- a) Operating Profit Ratio
- b) Operating Ratio
- c) Gross Profit Ratio
- d) Net Profit Ratio
- e) Expenses Ratio
- 20. The following are the balances extracted from the books of Mr. Sebastian as on 31-12-2008. Prepare Trading, Profit and Loss and Balance Sheet.

Trial Balance as on 31-12-2008

Particulars	Rs.	Particulars	Rs.
Drawings	4,000	Capital	20,000
Cash in Hand	1,700	Sales	16,000
Cash at Bank	6,500	Sundry Creditors	4,500
Wages	1,000		
Purchases	2,000		

Stock (1-1-2008)	6,000	
Buildings	10,000	
Sundry Debtors	4,400	
Bills Receivable	2,900	
Rent	450	
Commission	250	
General Expenses	800	
Furniture	500	
	40,500	40,500

The following adjustments are to be made:

- i. Closing Stock was Rs 4,000;
- ii. Interest on capital at 6% to be provided;
- iii. Interest on drawings at 5% to be provided;
- iv. Wages yet to be paid Rs.100;
- v. Rent paid Rs.50.
- 21. Enter the following transactions in the Three Column Cash Book of Mr.Thamim.

		Rs.
1995	Cash in Hand	12,500
Feb.1	Cash at Bank	16,000
3	Paid into Bank	1,200
5	Purchased Furniture by Cheque	4,000
9	Cash Purchases	1,000
13	Received from Manoj	1,180
	Discount Allowed	20
15	Cash Sales	8,200
16	Drew a cheque for office expenses	4,850
17	Paid SenthilRajan by cheque	1,850
	Discount allowed by him	50
20	Paid into Bank	800
22	Withdrew cheque for personal use	750
24	Received cheque from Banu and deposited into bank	1,815
	Allowed him discount	35
25	Somu our customer has paid directly into our Bank account	3,210
27	Paid Rent by cheque	650
28	Received Interest	1,000
30	Paid Insurance	500

22. What is cash flow statement? Explain the advantages and disadvantages.
