

UG-482

BSCS-11

B.Sc. DEGREE EXAMINATION —
DECEMBER, 2018.

Second Year

Computer Science

ACCOUNTING AND FINANCIAL MANAGEMENT

Time : 3 hours

Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Explain the concepts of Financial Accounting.
2. What are the objectives of analysis and interpretation of financial statement?
3. Find out Closing stock
Current Liabilities Rs. 3,00,000
Current Ratio 3 : 1 and
Liquid Ratio 1 : 1
4. From the following Balance Sheet prepare a schedule of changes in working capital.

Liabilities	31.12.16	31.12.17	Assets	31.12.16	31.12.17
	Rs.	Rs.		Rs.	Rs.
Capital	2,00,000	2,50,000	Land	1,00,000	1,30,000
Retained earnings	80,000	1,00,000	Stock	1,20,000	1,30,000
Accounting payable	80,000	90,000	Account receivables	80,000	1,00,000
			Cash	60,000	80,000
	<u>3,60,000</u>	<u>4,40,000</u>		<u>3,60,000</u>	<u>4,40,000</u>

5. What are the advantages of Budgetary control?
6. Calculate
- (a) P/V Ratio
- (b) BEP from the following information
- Period I Sales Rs. 20 lakhs : Profit Rs. 2 lakhs
- Period II Sales Rs. 30 lakhs : Profit Rs. 4 lakhs
7. From the following particulars prepare a production budget of a ABC company for the year ended June 30th 2015

Product	Sale (unit) (As per sales budget)	Estimated stock	
		1.7.2014	30.6.2015
A	1,50,000	14,000	15,000
B	1,00,000	5,000	14,500
C	70,000	8,000	8,000

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. The following information was extracted from the books of M/S Sudha Ltd. Prepare final accounts on 31.3.2017.

Particulars	Debit /Rs.	Particulars	Credit/Rs.
Opening stock	25,000	Sales	1,45,000
Sales returns	5,000	Purchase returns	2,500
Purchases	1,22,500	Discount received	300
Carriage inwards	2,000	Capital	1,36,450
Carriage outwards	3,000	Bill payable	7,500
Wages	6,000		
Salaries	9,000		
Printing and stationary	450		
Discount allowed	450		
Depreciation	1,500		
Building	1,04,050		
Trade expenses	2,800		
Bills receivables	10,000		
	<u>2,91,750</u>		<u>2,91,750</u>

Adjustments

- (a) Closing stock 32,500
- (b) Outstanding wages Rs. 1,500

9. From the following profit and loss a/c and Balance sheet of Governor Industries, Prepare a comparative Income statement.

Profit and Loss A/c for the year ending 2016-17

Liabilities	2016	2017	Assets	2016	2017
	Rs.	Rs.		Rs.	Rs.
To cost of goods sold	5,00,000	6,40,000	By sales	7,00,000	9,00,000
To operating expenses					
Administrative expenses	20,000	20,000			
Selling expenses	30,000	40,000			
To net profit	1,50,000	2,00,000			
	<u>7,00,000</u>	<u>9,00,000</u>		<u>7,00,000</u>	<u>9,00,000</u>

10. From the following information, prepare balance sheet

- (a) Current Ratio : 2.5
- (b) Liquid Ratio : 1.5
- (c) Proprietary Ratio : 0.75 (Fixed assets / proprietary fund)
- (d) Working capital Rs. 1,20,000
- (e) Reserves and surplus Rs. 80,000
- (f) Bank overdraft Rs. 10,000.

11. From the following summarized balance sheet of a company prepare cash flow statement.

Particulars	2015	2016	Particulars	2015	2016
	Rs.	Rs.		Rs.	Rs.
Share capital	2,00,000	2,50,000	Building	2,00,000	1,90,000
General reserve	50,000	60,000	Machinery	1,50,000	1,69,000
P and L a/c	30,500	30,600	Stock	1,00,000	79,000
Long term loan	70,000	—	Debtors	80,500	64,200
Creditors	1,50,000	1,35,200	Cash	—	8,600
Provision for taxation	30,000	35,000			
	<u>5,30,500</u>	<u>5,10,800</u>		<u>5,30,500</u>	<u>5,10,800</u>

Additional information:

- Dividend paid Rs. 23,000.
 - Purchase of Machinery Rs. 38,000.
 - Depreciation written off on machinery Rs. 12,000
 - Income tax provided in the year Rs. 33,000
 - Loss on sales of Machinery Rs. 1,200 written off to General Reserve.
12. What is zero base budgeting and its advantages and disadvantages?
13. Explain the factors determining the working capital.

14. The records of a company show the following

Year	Sales	Profit
2014	1,20,000	9,000
2015	1,40,000	13,000

Find out:

- (a) P/V Ratio
 - (b) Break-even point
 - (c) Profit when sales are Rs. 1,00,000
 - (d) Sales required to earn profit of Rs. 20,000
 - (e) Margin of safety for year 2015.
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