MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, MADANAPALLE
(UGC-AUTONOMOUS)
MBA I Year I Semester (R20) Supplementary End Semester Examinations, March - 2023
ACCOUNTING FOR MANAGERS

Time: 3Hrs

Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either Part A or Part B only. Q.no 6 which is a case study is compulsory.

Q.No	Question	Marks	CO	BL
Q.1(A)	Define 'accounting' and explain the concepts and conventions of accounting.	10M	1	2
	OR			
Q.1(B)	Define subsidiary books and explain the various kinds of subsidiary books in detail.	10M	1	2
Q.2(A)	Classify the Capital and Revenue expenses with example.	10M	2	4
	OR			
	From the following Trial Balance and additional information, you are required to prepare profit and loss account and balance sheet.		2	3

TRIAL BALANCE as on 31st March, 2012

Particulars	Debit (₹)	Credit (₹)
Capital		1,28,500
Bills receivable and payables	50,000	5,000
Plant and Machinery	60,000	
Sundry debtors and Creditors	70,000	46,000
Fuel	1,500	
Wages	12,500	
Duty and clearing charges	1,500	
Rent	5,200	
Purchases and Sales	1,30,500	2,45,000
Opening stock	25,000	
Returns	3,000	2,000
Provision for doubtful debt		1,000
Furniture	3,500	
Cash in hand	1,610	
Cash at bank	5,800	
Drawings	12,000	
Carriage inwards	7,500	
Salaries	28,290	
Insurance	400	
Carriage outwards	6,200	
Total	**4,27,500**	**4,27,500**

Q.2(B) 10M

Adjustments:
1. Closing Stock ₹ 50,000.
2. Outstanding salaries ₹ 4,800, Outstanding rent ₹ 2,400.
3. Write off ₹ 4,000 as bad debts.

4. Maintain provision for doubtful debts at two and half percentage on debtors.
5. Depreciation on plant and machinery at 10%, on furniture at 10%.
6. Interest on capital at 5% p.a.

Q.3(A)	What is meant by Cost-Volume-Profit Analysis? Explain its application in managerial decision making.	10M	3	

OR

Q.3(B)	Pragathi Limited issued 10,000 equity shares of ₹ 10 each payable at ₹ 2.50 on application, ₹ 3 on allotment, ₹ 2 on first call, and the balance of ₹ 2.50 on second and final call. All the shares were fully subscribed and paid except of a shareholder having 100 shares who could not pay for second and final call. Give journal entries to record these transactions.	10M	3	3

Q.4(A)	What is meant by Cost-Volume-Profit Analysis? Explain its application in managerial decision making.	10M	4	

OR

Q.4(B)	Viswa Manufacturers Ltd. has supplied you the following information in respect of one of its products: Total fixed costs ₹180,000 Total variable costs ₹ 1,50,000 Total sales ₹ 6,00,000 Units sold 20,000 Find out (a) contribution per unit, (b) break-even point, (c) margin of safety, (d) profit, and (e) volume of sales to earn a profit of ₹.5,00,000.	10M	4	3

Q.5(A)	Distinguish between manual accounting and Computerised accounting.	10M	5	4

OR

Q.5(B)	Discuss the features, merits and demerits of Computerised Accounting.	10M	5	5

Q.6	**Case Study**		3

The Directors of NGS Ltd. provide you the following data relating to the Computer Component manufactured by them:

Sales 4,000 units @Rs.50 each		₹ 2,00,000
Production cost details:	₹	
Materials consumed	80,000	
Labour cost	40,000	
Variable overheads	20,000	
Fixed overheads	30,000	1,70,000
	---------- ----------Profit	
	30,000	

They require you to answer their following queries:
1. The number of units by selling which the company will be at break-even.
2. The sales needed to earn a profit of ₹ 60,000.
3. The extra units which would be sold to obtain the present profit if it is proposed to reduce the selling price by 20%

10M

END

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BUSINESS STATISTICS FOR MANAGERS

Time: 3Hrs

Max Marks: 60

> Attempt all the questions. All parts of the question must be answered in one place only.
> **In Q.no 1 to 5 answer either A or B only**

Q.No	What is Business Statistics? Explain the importance of Statistics in Business.	Marks	CO	BL
Q.1(A)	The following are the weekly wages of the workers in a manufacturing company. Find Mean and Mode wages of workers and comment on results.	10M	1	3

Wages (in 00'Rs)	20-24	25-29	30-34	35-39	40-44	45-49	50-54
Number of workers	8	22	26	40	34	15	5

OR

Q.1(B)	The probabilities of X, Y and Z becoming managers are 4/9, 2/9, 1/3 respectively. The probabilities that the bonus scheme will be introduced if X, Y and Z becomes managers are 3/10, ½, and 4/5 respectively. (i) What is the probability that the bonus scheme will be introduced? (ii) If the bonus scheme has been introduced what is the probability that the manager appointed was X?	10M	1	3
Q.2(A)	A dealer in refrigerators estimates from his past experience that the probabilities of his selling refrigerators in a day. These are as follows	10M	2	3

No of refrigerators sold in a day	0	1	2	3	4	5	6
Probability	0.03	0.20	0.23	0.25	0.12	0.10	0.07

Find (i) the probability that he sells more than 4 refrigerators per day
(ii) mean number of refrigerators sold in a day
(iii) variance of sales

OR

Q.2(B)	If 20% of items produced by a factory are defective, find the probability that out of 6 rivets chosen at random (i) none (ii) exactly 4 (iii) at most 2 (iv) at least 3 rivets will be defective.	10M	2	2
Q.3(A)	The weekly wages of 1000 workers are normally distributed around a mean of Rs.9000 with a standard deviation of Rs.500. Estimate the number of workers whose weekly wages will be (i) Between Rs.7000 and Rs.8200 More than Rs.9200 (iii) Less than Rs.8500	10M	3	3

OR

Q.3(B)	A manufacturer claimed that at least 95% of the equipment which he supplied to a factory conformed to specifications. An examination of a sample of 200 pieces of equipment revealed that 18 were faulty. Test the claim at 5% level of significance	10M	3	3
Q.4(A)	A sample of 26 bulbs gives a mean life of 990 hours with a standard deviation of 20 hours. The manufacturer claims that the mean life of bulbs is 1000 hours. Is the sample not up to the standard? (value of t-statistic for 25 df at 5% l.o.s is 1.708)	10M	4	4

OR

Q.4(B)	What is correlation co-efficient? Find rank correlation for the following data.	10M	4	4

Economics Marks	92	89	86	87	83	71	86	63	53	60
Accounts Marks	86	83	77	91	68	52	68	85	57	60

Q.5(A)	What is correlation co-efficient? Find rank correlation for the following data.	10M	5	4

Economics Marks	92	89	86	87	83	71	86	63	53	60
Accounts Marks	86	83	77	91	68	52	68	85	57	60

OR

Q.5(B)	Regression equations are $8X - 10Y + 66 = 0$, $40X - 18Y = 214$; which is X on Y regression equation and if $V(X) = 9$ find the standard deviation of Y.	10M	5	3

Q.6	**CASE STUDY**	10M		5

Give below is the data of 10 Indian companies for the dividend declared (%) during a particular year. This data has been collected for three broad categories of industries, viz textiles, engineering and pharmaceutical from published sources. In each industry ten companies have been chosen.

Company	Textiles	Engineering	Pharmaceutical
Company-1	13	16	20
Company-2	14	15	23
Company-3	16	18	25
Company-4	18	19	25
Company-5	16	15	24
Company-6	16	19	23
Company-7	22	16	26
Company-8	19	20	23
Company-9	15	16	24
Company-10	11	16	27

Discuss which industry has declared the highest dividend and which one

CASE STUDY 10M 3 5

From the following information advice, the management as to which project is preferable   based on pay-back period. Two projects X and Y, each project require an investment of ₹. 60,000. The standard cut off period for the company is 5 years.   Net profit after tax of the two projects are as under:

Year	1	2	3	4	5
Project X (₹)	20,000	20,000	8,000	12,000	8,000
Project Y (₹)	16,000	16,000	24,000	6,000	7,000

END

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MANAGEMENT PERSPECTIVES AND ORGANIZATIONAL BEHAVIOUR

Time: 3Hrs   Max Marks: 60

Attempt all the questions. All parts of the question must be answered in one place only.
In Q.no 1 to 5 answer either A or B only

Q.No	Question	Marks	CO	BL
Q.1(A)	Discuss the contributions of Scientific School of Thoughts in the field of management?	10M	1	2
	OR			
Q.1(B)	Explain the principles of ethics.	10M	1	2
Q.2(A)	Explain the steps in Planning process and how does it assist the managers to overcome the problems?	10M	2	2
	OR			
Q.2(B)	Distinguish between centralization and decentralization along with its merits & demerits.	10M	2	4
Q.3(A)	Critically evaluate the factors affecting individual behavior in an Organization.	10M	3	4
	OR			
Q.3(B)	Explain the Maslow theory of motivation.	10M	3	2
Q.4(A)	Describe the concept of conflict management and explain the causes of conflict in an organization.	10M	4	2
	OR			
Q.4(B)	Explain the leadership styles in three dimensional managerial grid.	10M	4	2
Q.5(A)	Distinguish between organizational culture and climate?	10M	5	4
	OR			
Q.5(B)	How will you create and sustain culture?	10M	5	2
Q.6	**CASE STUDY**	10M	2	5

Sunny has a position in the corporate planning staff of a large company in a hi-technology industry. Although he has spent most of his time on long range strategic planning for the company, he has been appointed for a task force to reorganize the company. The President and the Board of Directors are concerned that they are losing their competitive position in the industry because of an outdated organizational structure. Being a planning expert, Ramu convinced the task force that they should

proceed by first determining exactly what type of structure they have now, then determining what type of environment the company faces now and in the future, then designing the organizational structure accordingly. In the first phase, they discovered that the organization is currently structured along classic bureaucratic lines. In the second phase, they found that they are competing in a highly dynamic, rapidly growing and uncertain environment that requires a great deal of flexibility and response to change.

Questions

1. What type or types of organizational design do you feel this task force should recommend in the third and final phase of the approach to their assignment and why?
2. Do you think sunny was correct in his suggestion of how the task force should proceed? What types of problems might develop as by-products of the recommendation made by you?

END