TIC	זאי				15ME51
US	DIN				
			ter B.E. Degree (CBC		
г:	1		nagement and Econ		M
IIm	ie: 3 ł				. Marks: 80
		Note: Answer any FIVE full	questions, choosing one	full question from each modu	ıle.
			<u>MODULE – I</u>		
1	а	a Briefly Explain the roles of a Manager.b Explain the contributions made by F.W.Taylor under Scientific Management.			(08 Marks
•	u b				(08 Marks
				C C	
2		What are single use and star	OR ding plane? Explain them	with anomalog	(09 Montro
2	a b				(08 Marks (08 Marks
	~				(00 1)14114
			MODULE – II		
3	a	Define Motivation Explain	McGregor's Theory X & '	Theory Y	(08 Marks
5	b				(08 Marks
		OR			
4	a L				(08 Marks
	b	what is communication & e	xplain the types of commu	unication.	(08 Marks
			<u>MODULE – III</u>		
5	a	Explain the Scientific approach of problem solving and decision making.			(10 Marks
	b	Find the effective interest rate if the rate of interest is 8% when compounded (i) Yearly (ii)			
		Biannually (iii) Quarterly (iv)	Monthly (v) Daily. Compare	the results.	
			OR		
6	a				(10 Marks
		annually for the following 7 years for the exclusive rights to an invention. At what			
	b	price could the inventor afford to sell the rights to earn 10% disregarding taxes. Explain the law of Demand and Supply with suitable example			(06 Marks
	D	Explain the law of Demand and Suppry with suitable example			(00 Marks
			<u>MODULE – IV</u>		
7	а	(i) Service Life (ii) Accounting Life (iii) Economic Life			(06 Marks
-					(
	b		w using present worth analy	ysis at $i = 10\%$ per year and a 3	(10 Marks
		year study period Particulars	Machine A	Machine B	
		First cost	Rs.20,000	Rs.30,000	
		Annual cost	Rs. 9,000	Rs. 7,000	
		Salvage / Market value Life	Rs. 4,000 3 Years	6 Years	
			5 Teals	0 1018	

- Explain future worth comparison method. How is it different from present worth (06 Marks) a comparison method
 - First cost of an asset is Rs 5,00,000/-. The annual maintenance in the first year is Rs (10 Marks) b 2,000/- and increase by Rs 1,000/- every year up to 10th year. The annual income is expected to be Rs 50,000/- in the first year with increase of Rs 25,000 every year up to 10th year. The operating cost is Rs 6,000/- per year. The salvage value is Rs 30,000/- at the end of 10th year. Find the equivalent annual cost of the machine at 12% interest rate.

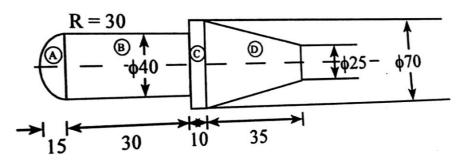
MODULE – V

a Explain the following terms (08 Marks) (i)Prime cost (ii) Factory Cost (iii) Office cost (iv) Total Cost A small firm is producing 1000 pens per day. The cost of direct material is Rs.1600 (08 Marks) b and that of direct labour is Rs.2000. Factory overheads chargeable to it are Rs.2500. If the selling on cost is 40% of the factory cost, what must be the selling price of each pen to realize a profit of 20% of the selling price.

OR

(08 Marks)

Explain the causes of depreciation a b Determine the weight and the cost of following component shown in fig. Take (08 Marks) density of material 8.5g/cc. cost of each Kg of material is Rs.100.



8

9

10