Please check	that this question paper contains9	questions and2 printed po	iges within first ten		
[Total No. of Questions: 09]			[Total No. of Pages:2. MORNING		
Uni. Roll No			1 2 MAY 202	13	
	_	(Batch 2018 onward)			
	Semester: 1,2 Name of Su	oject: Principles of Engineer	ing Economics and Manageme	ent	
	Subject Code: H				
	Paper ID: 15928	ntor is : Not Allowed			
Detail of all	owed codes/charts/tables etc. N.A				
	ed: 03 Hours	ī	Max. Marks: 60		
NOTE:					
	d D and commulatory				
 1) Par 2) Par 	ts A and B are compulsory t-C has Two Questions Q8 and Q9.	Both are compulsory, but with inte	rnal choice		
	y missing data may be assumed app				
	Part – A	[Marks:	02 each]		
Q1.					
a) Give Adam Smith's definition		ion of Economics.			
	b) What is meant by fixed &				
	c) Is Management an Art or	Science. Explain.			
d) Explain Opportunity Cost & Out of Poce) Define Marginal Costing. Give Margina		& Out of Pocket Cost. Give examp	es.		
		Give Marginal Costing Equation			
	f) Distinguish between NPV				
Part – B		[Marks: 04 each]			
Q2.	What do you understand by "Ela	sticity of Demand ". Under what co	onditions it is equal to (a) Zero (b) Un	nitary	
	(c) Less than Unitary (d) More th	an Unitary.			
Q3.	Discuss Consumer's Equilibrium with the help of Indifference Curve analysis & give the main criticisms of				
	Indifference Curve analysis.				
Q4.	Explain Modern Theory of Factor Pricing.				
Q5.	Prepare Cost Sheet from the foll	owing Data:			
		On January 1, 2022 (Rs)	On December 31, 2022 (Rs)		
	Cost of Raw Materials	30,000	25,000	•	
	Cost of work –in –progress	12,000	15,000		
		Page 1 of 2	p	т.о	

Cost of Finished Stock

60,000

55,000

Transactions during the year:

Purchase of Raw Materials:

Rs 4,50,000

Administration Overheads: Rs 30,000

Selling & Distribution Overheads: Rs 20,000 Rs 2,30,000

Wages paid:

Sales: Rs 9,00,000.

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Factory Overheads:

Q7.

Rs 92,000

1 2 MAY 2023

Explain any four Principles of Management given by Henry Fayol. Q6. Define BEP. Explain the relationship between BEP , MOS & Angle of Incidence Diagrammatically.

Part - C

[Marks: 12 each]

What is Demand Curve. Why does Demand Curve slope downwards to the right? Are there any exceptions Q8. to it.

OR

State and explain law of Variable Proportions with the help of table & diagram. Distinguish between Returns to Factor & Returns to Scale .

Annual Demand for a particular item of inventory is 10,000 units. Inventory Carrying Cost per unit per year is Q9. 20%& Ordering Cost is Rs.40 per order. The Price quoted by the supplier is Rs.4 per unit. However , the supplier is willing to give discount of 5% for orders of 1,500 units or more . Is it worthwhile to avail of the discount offer.

OR

From the following Particulars Calculate (i) Contribution (ii) P/V Ratio (iii) Break Even Point in units & in rupees . (iv) What will be the selling price per unit if the break even point is brought down to 25,000 units? Fixed Expenses: Rs. 1,50,000, Variable Cost: Rs 10 Per unit, Selling Price: Rs. 15 Per Unit
