



		<ul style="list-style-type: none"><li>• Direct material = 7000</li><li>• Direct labour =2800</li><li>• Factory expenses = 2600</li><li>• Administrative expenses =1000</li><li>• Selling expenses =900</li><li>• Sales = 20,000</li></ul>																			
		UNIT - III																			
5	a)	Discuss about interest, simple and compound interest	CO2	PO3	06																
	b)	Alpha Industry is planning to expand its production operation. It has identified three different technologies for meeting the goal. The initial outlay and annual revenues with respect to each of the technologies are Summarized in Table. Suggest the best technology which is to be Implemented based on the present worth method of comparison assuming 20% interest rate, compounded annually. <table><tr><td></td><td>Initial outlay (Rs.)</td><td>Annual revenue (Rs.)</td><td>Life (years)</td></tr><tr><td>Technology 1</td><td>12,00,000</td><td>4,00,000</td><td>10</td></tr><tr><td>Technology 2</td><td>20,00,000</td><td>6,00,000</td><td>10</td></tr><tr><td>Technology 3</td><td>18,00,000</td><td>5,00,000</td><td>10</td></tr></table>		Initial outlay (Rs.)	Annual revenue (Rs.)	Life (years)	Technology 1	12,00,000	4,00,000	10	Technology 2	20,00,000	6,00,000	10	Technology 3	18,00,000	5,00,000	10	CO2	PO3	14
	Initial outlay (Rs.)	Annual revenue (Rs.)	Life (years)																		
Technology 1	12,00,000	4,00,000	10																		
Technology 2	20,00,000	6,00,000	10																		
Technology 3	18,00,000	5,00,000	10																		
		OR																			
6	a)	What is time value of money? Explain with an example.	CO2	PO3	04																
	b)	A person deposits a sum of Rs. 20,000 at the interest rate of 18% compounded annually for 10 years. Find the maturity value after 10 years.	CO2	PO3	06																
	c)	A bank gives a loan to a company to purchase an equipment worth Rs. 10,00,000 at an interest rate of 18% compounded annually. This amount should be repaid in 15 yearly equal installments. Find the installment amount that the company has to pay to the bank.	CO2	PO3	10																
		UNIT - IV																			
7	a)	Provide a detailed note on depreciation, emphasizing on its causes	CO3	PO2	10																
	b)	A company has purchased an equipment whose first cost is Rs. 1,00,000 with an estimated life of eight years. The estimated salvage value of the equipment at the end of its lifetime is Rs. 20,000. Determine the depreciation charge and book value at the end of various years using the straight line method of depreciation.	CO3	PO2	10																
		OR																			
8	a)	Define the following, service life, salvage value, present value and its components.	CO3	PO2	12																
	b)	A company has purchased an equipment whose first cost is Rs. 1,00,000 with an estimated life of eight years. The estimated salvage value of the equipment at the end of its lifetime is Rs. 20,000. Determine the depreciation charge and book value at the end of various years using declining balance method of depreciation by assuming 0.2 for K.	CO3	PO2	08																

			<b>UNIT - V</b>			
	9	a)	Describe in detail about break even analysis with help of neat diagram.	CO4	PO11	<b>8</b>
		b)	Draw a break-even chart with the help of data given below at different production levels of 0, 80,000, 90,000, 1,00,000 1,10,000, and 1,20,000 units. Calculate the breakeven point and the margin of safety. Data: <ul style="list-style-type: none"> <li>• Sale Price = Rs. 3 per unit</li> <li>• Variable Cost = Rs. 2 per unit</li> <li>• Fixed Cost = Rs. 90,000</li> </ul>	CO4	PO11	<b>12</b>
			<b>OR</b>			
	10	a)	What are financial statements? Discuss on its significance.	CO4	PO11	<b>10</b>
		b)	Alpha Associates has the following details: <ul style="list-style-type: none"> <li>• Fixed cost = Rs. 20,00,000/-</li> <li>• Variable cost per unit = Rs. 100/-</li> <li>• Selling price per unit = Rs. 200/-</li> </ul> Find <ul style="list-style-type: none"> <li>i) The break-even sales quantity,</li> <li>ii) The break-even sales</li> <li>iii) If the actual production quantity is 60,000, estimate the contribution and margin of safety.</li> </ul>	CO4	PO11	<b>10</b>

\*\*\*\*\*