## VPM's

## DR VN BRIMS, Thane Programme: MMS (2021-23)

First Semester Examination April 2022

Course Name:	Managerial Economics	<b>Course Code</b>	C105
Roll No.		Marks	60
Total No. of Questions	6	Duration	3 Hours
Total No. of printed pages	4	Date	07.04.2022

## **Course Outcome Statements:**

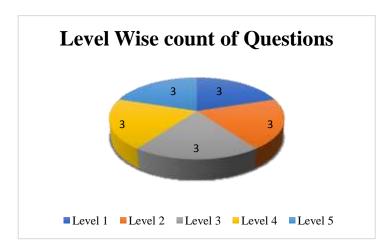
- CO1. RECALL basic terminologies related to Managerial Economics
- CO2. DISCUSS the concepts used in Managerial Economics
- CO3.MAKE USE OF various formulas and models pertaining to Consumer Behaviour PPC, Supply Functions, Market Equilibrium, Economic Surplus, Production functions, Revenue, Cost & breakeven analysis, Types of Markets, Pricing Practices & Profitability
- **CO4.**EXAMINE the results of managerial economics-related frameworks for making industry-relevant inferences
- **CO5.** ASSESS information related to PPC, Consumer behavior, Economic Surplus, Production Functions, Markets, Revenue Cost Breakeven Analysis for taking effective business decisions

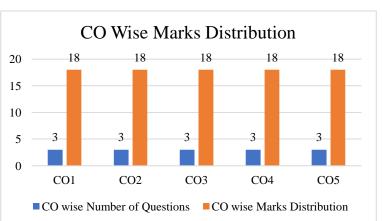
Instructions: -					BL	CO
<b>Q. No 1</b> (All	Questions are	Marks				
Q. No.		Questions				
Q. 1		Case/Case-let Study (500	-800 words)			
a	Corporati spares. By Nove was boom spares. S opportuni of his corporation of his operation.  The next his operation operation of his corporation of his corporation of his corporation of his operation.  Units  O  1  2  3  4  5  6  After Artl on the m	Tommy Shelby set up a but ons Ltd.' for the manufacture on the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitors would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of the Ltd.' It was necessary that he appetitor would get into this of th	Vehicle (EV) segment of requirements for EV e most of this market acted quickly before any s business. He had been ring of EV parts but he efore he could begin. It is office discussing with g the plans for the year to the cost structure for trol Unit (EPCU), show the Arthur quickly rushed to f paper that contained to [GBP])  Fixed Cost (total)  30  30  30  30  30  30  30  30  30  3	6	Level 4	CO4

		research and informed Shelby "Sir, according to my market survey, the EPCUs have a high demand in the market and could be sold at a constant selling price of 25 GBP per Unit at all levels of production". Shelby said fine and discussed some other minor details regarding marketing strategy with her. After Polly went out of the cabin Shelby invited John, the economist, in order to make some more sense of the information presented so far. He immediately handed a task to John as he entered, "John, we have the data now I want you to.  Examine the Values of Total Cost, Average Variable Cost, Average Fixed Cost, Average Total Cost, Marginal Cost, and Total Revenue and also draw Inference on the output which indicates the lowest cost of production per unit, no need for graphs. You may assume that Price=Marginal Revenue=Average Revenue"								
	b.	Once John was able to do the work assigned, Shelby gave one final task to John "Fine work John! Now the most critical task of all.  Determine the optimum quantity at which our plant should work and the reason why that would be the optimum quantity.				6	Level 5	CO5		
		You may only draw the graphs necessary for you to								
Q. 2		conclude"	swer <b>Anv</b> o	ne fr	om the followi	nσ				
Q. 2	a.	Answer <b>Any one</b> from the following.  Based on the following Isoquant data:						Level 5	CO5	
		Units of Ste			nits of Steel R	oll			Levere	
		200	, c1 110 ti		0					
		120			20					
		60			40					
		20			60					
		0			80			6		
		Additional Deta	ails: The co	ost of		ne Stee	el Rod is	-		
		Rs.200 and that								
		Decide whether				.e., Bı	udget 1-			
		Rs.20,000 and I	Budget 2- R	Rs.40	,000 are suffic	ient or	not also			
		<b>Determine</b> any	of the bud	gets	is optimum or	not (r	nake use			
		of graphs)								
	b.	Quantity of	Margina	ıl	Quantity of		rginal		Level 5	CO5
		Pizza	Utility		Burger		tility			
		1	(Pizza)		1		rger)			
		1	800		1		500			
		2	700		2		500			
		3	500		3		100	6		
		5	400	+	<u>4</u> 5		800			
		-	300		6		200			
		Brico of Pizzo	200	200			00			
		Price of Pizza J Rs.100	ger unit. KS	.∠∪∪	and fince of f	ourger	per unit:			

Q. 3	a.	Determine the sequence of purchases that the consumer will follow, based on the law of Equi-marginal utility assuming the consumer's total income is Rs.800? Also, determine the quantity purchased by the consumer of both the items and the Total Utility that would be achieved in that case?  Answer Any one from the following.  Examine the impact of the following 2 scenarios on the Equilibrium Price with the help of diagrams (no need for					Level 4	CO4		
					kis of graphs)					
		No.	Demand Cu		Supply Co			6		
		<u>i)</u>	Shifts Rig		Shifts Ri	_		v		
		ii)	Shifts Let	ft	Shifts Ri	ght				
	b	Analyse the impact of 'Decrease in Price' on 'Total Revenue' in the case of the following 3 data points using the concept of 'Elasticity along a demand curve' while identifying reasons behind the impact.				Level 4	CO4			
		Point	%Change in Price		% Change i		nuty	6		
		P	-5%		+20			U		
		Q	-20%		+20					
		R	-45%		+30					
Q. 4			Answer <b>Any</b> 1	two fr	om the follow	/ing.				
ζ	a.	Annly th	ne following data				Average		Level 3	CO3
	<b>a.</b>		and Marginal Pro	oduct (	Curves based				Levels	<b>CO3</b>
			Input	Tota	al Product					
			0		<u> </u>					
			1		5					
			2		15			6		
			3 4		35 40					
			5		40					
			6		35					
			0			]				
	В		onsumer Surplus						Level 3	CO3
		and Deadweight loss, if any, using the following details related to a particular market (make use of a graph to calculate and highlight the relevant portions):					6			

		Price	Quantity Demanded	Quantity Supplied			
		4	0	160			
		3	40	120			
		2	80	80			
		1	120	40			
		0	160	0			
	c.	Possibility Co	arve (PPC), also highly also highly also areas of PPC also so fa standard PPC  Alpha A1 Omega 20 18 15 11 6	onstruct the Production ight efficient, inefficient of mention the important is a second of the importa	.,	Level 3	CO3
Q. 5		Δ					
Q. 3	a.	Answer Any two from the following.				Level 2	CO2
	<b>a.</b>	<b>Explain</b> the concept of Short-run and long-run along with the profitability under various types of markets in the short-run and long-run with appropriate reason for the same (no graphs necessary)				Devel 2	002
	b	Summarize the concept of Economies and Diseconomies of scale along with mention internal and external classification			<b>6</b>	Level 2	CO2
	c.	Explain Monopoly, Monopolistic Competition, and Oligopoly markets with their Characteristics (no graphs required)				Level 2	CO2
Q. 6		Answer <b>Any two</b> from the following.					
	a.	<b>Define</b> Price Elasticity of Supply and list 5 types of elasticities with their values of elasticities (graphs required)				Level 1	CO1
	b	List any 6 Pricing Practices with their brief meaning				Level 1	CO1
	c.	_	mean by - i) Capital counting Profit iii) Indi	Budgeting ii) Economic fference Curve	6	Level 1	CO1





## **Bloom's Taxonomy Levels**

Level Name	Level Number	Level Wise count of Questions
Remember	Level 1	3
Understand	Level 2	3
Apply	Level 3	3
Analyse	Level 4	3
Evaluate	Level 5	

Course Outcomes	CO wise Number of Questions	CO wise Marks Distribution
CO1	3	18
CO2	3	18
CO3	3	18
CO4	3	18
CO5	3	18