Marking Scheme

Value Points (Any other valid answer to be awarded)

Section - A

S. No.	. Value P	oints		Marks	Total
					Marks
1	d) Implies that consumer's wa	ints will never be completel	y satisfied.		1
2	b) A iii B i C iv D ii				1
3	b) It does not deal with a singl	e result.			1
4	a) Both Assertion (A) and Rea	ason (R) are true and Reason	n (R) is the		1
	correct explanation of Assertic	on (A)			
5	b) Component Diagram				1
6	b) Rs. 150				1
7	c) 89				1
8	c) Statement 1 is true and state	ement 2 is false.			1
9	b) Both Assertion (A) and Rea	ason (R) are true and Reason	n (R) is not		1
	the correct explanation of Rea	son(R)			
10	b) 0				1
11	Census method would be more	e appropriate in the given si	ituation	(To be	
	because the district consists of	f diverse ethnic groups i.e. p	opulation is	marked as	
	heterogeneous.			a whole)	
	OR				
		1			
	Census of India	NSSO			
	• Most complete and	• Nation wide surveys			
	continuous demographic	on socio-economic		1	
	records of population	issues through			
		sampling.			
	• Every ten years	• Periodic estimates			3
		published in		1	
		'Survekshan'			
	• Helps in understanding	• Used for planning.		1	
	economic and social			1	
	issues regarding				
	population.				



14								
	ſ	Commodity	P0 (Rs.)		P1 (Rs.)			
	-	A		240	360			
		В		160	200			
	-	С	(500	800		1	
		D		260	360		-	
		Е	3	300	400			
			$\sum P0 = 15$	60	$\sum P1 = 2120$			
							1	
	P01 =	= ∑P1/∑P0	x 100				1	
							1	
		2120/1560 x	100				1	
		= 135.89					1/	
	35.89	% increase in	the prices from	n 2020	0-2021		1/2	
			OR				1/2	
	•	Price Index	no. measures	the ch	nanges in the	etail &		
		wholesale n	prices.		e			
		Index of ind	lustrial produc	ction r	measures the c	changes in the	1	
		volume of i	ndustrial produc	uction		inanges in the		
		Index of ag	ricultural prod	uction	n measures the	e changes in the	1	
		volume of a	oricultural prod	nducti	on	- manges in the		
		Sensey mea	sures the chan	ores in	on. the share pri	$\cos \delta thus$	1	
		indicates th	e health of the	econ	omy		1	4
		mulcates th		ccom	omy.			
	÷							
15.	1)	Marlea (V)	Б	EV		l		
		Marks (X)	F	FX				
		2	3	6				
		4	5	20				
		6	8	48				
		8	2	16				
		10	1	10				
			$\Sigma F = 19$	∑FX	L = 100		1	
		$A.M = \sum FX$	K/∑F				1/2	
		= 100/	19				1/2	
		= 5.263	marks					
	Mar	ks (X) F	CF					
	2	3	3					
	4	5	8					
	6	8	16					
	8	2	18					
	10	1	19				1	
							_	
	ii)	Me = the size	$e of (N+1)/2^{th}$	value			1/2	
		(19+1)/2	z = 20/2 = 10) th valı	le		1/2	4
		= 6 mark	s <u>_0, _</u> = 10	, un	'			
		- mark						



$$\frac{\frac{1}{3} + \frac{1}{3} + \frac{$$

17	i)	False, the coefficient of correlation does not change when a	2	
		constant is added or subtracted.		
	ii)	False, the range of simple correlation is minus one to plus one.	2	
	iii)	False, because there is no linear relation although there may be		
		non linear relation between the variables.	2	6

18	d) income f	rom postal de	epartmen	t			1
19	a) Zero	1	1				1
20	b). Both Ass	ertion (A) &	Reason	(R) are Tr	rue & Reason (R) is not the		1
	correct ex	xplanation of	Assertio	on (A)			
21	a) Shift to t	he right side					1
22	b) 30	-					1
23	b) both the s	tatements are	e false				1
24	c) Willingnes	ss to buy					1
25	d) Total vari	able cost					1
26	b) firm is a p	orice taker an	d industr	y is the p	rice maker		1
27	a) AR =MR						
							1
28	• it represen	ts the situati	on of und	ler emplo	yment of resources	1	
	• the schem	e leads towa	rds full a	nd efficier	nt utilisation of resources	1	
	 production 	n in the econ	omy mov	ves toward	ls PPC.	1	
	1		2				
				OI	R		
	TABLE 1.						
	GOOD X	GOODY	MRT			1	
	0	25	-				
	1	23	2:1				
	2	20	3:1				
	3	15	5:1				
	4	9	6:1				
	5	0	9:1				
	L						
	TABLE 2						
	GOOD X	GOODY		MRT			
	0	25		-			
	1	23		2.5:1			
	2	20		2.5:1		1	
	3	15		2.5:1			
	4	9		2.5:1			
	5	0		2.5:1			
	L						
	Table 1 justi	fies the shap	e of PPC	as MRT i	is increasing	1	3

29	Floor price refers to the minimum price (above the equilibrium)price fixed		
	by the government which the producer must be paid for their produce	1	
	by the government which the producer must be paid for them producer	1	
	These floor prices are meant to insulate formers from price variations in the	2	2
	These moor prices are meant to insurate ranners from price variations in the	2	5
	free market.		
30	Assuming elasticity of x is 1, elasticity of Y is 2		
	Percentage change in the quantity of X	1	
	Price Electicity of Demand (Ed.) – Percentage change in Quantity		
	domended/Demontoge change in price		
	demanded/ Percentage change in price		
	1 =Percentage change in Quantity demanded / 5		
	Percentage change (fall) in the quantity of $X = 5\%$	1	
	Percentage change in the quantity of Y	1	
	Price Elasticity of Demand (Ed.) – Percentage change in Quantity demanded		
	(Demonstere) change in price		
	/ reicentage change in price		
	2= Percentage change in Quantity demanded /5		
	Percentage change (rise) in the quantity of $Y = 10\%$		
	Ans. Quantity of X will fall by 5%; Quantity of Y will rise by 10%	1	
	OR		
	As demand is unitary elastic therefore total expenditure remain constant		
	As demand is unitary clastic therefore total expenditure remain constant	Taba	
		1000	
	$1 \text{ otal expenditure} = P \times Q$	marked	
	$120 = P \times 30$	as a	4
	$\mathbf{P} = 4$	whole	

31	The vertical distance between AC and AVC curves continues to fall with increase in output because the gap between them is AFC, which declines with rise in output.	2	
	*Total fixed cost curve *Total fixed cost refers to those cost which do not vary directly with the level of output.	1 1	4
32	Cash incentives by the government for using organic methods for discouraging use of chemical fertilizers will decrease demand for chemical fertilizers.	1	
	Demand curve will shift towards left . At the original equilibrium price there will be excess supply leading to competition among sellers i.e. decrease in price.	1	
	This will lead to contraction in supply and expansion in demand till the new equilibrium is attained at a lower price and quantity.	2	4
33	Explanation of the phases Phase 1 MP increases ,TP rises at increasing rate Phase 2 MP decreases and is positive TP rises at decreasing rate Phase 3 MP becomes negative ,TP falls	3	
	Diagram showing behavior of TP and MP		
	(stiun u) topological and the second	3	6

			OR						
Output	TR		TC	MR	Ν	1C			
1	5		7	5	7				
2	10		12	5	5				
3	15		15	5	3				
4	20		18	5	3			3	
5	25		23	5	5				
6	30		30	5	7				
7	35		35	5	1	0			
output .	the firm When it pro	would be oduces 5	e in equilib units of ou	orium when utput its M	n it produce R=MC and	es 5 units c l MC is risi	of ing.	3	6
i)	re the firm When it pro el of outpu	would be oduces 5 t satisfies	e in equilit units of ou s both the	orium when utput its M conditions	n it produce R=MC and of equilibr	es 5 units o MC is risi ium.	of ing.	3	6
i) Units	e the firm When it pro el of outpu 1	would be oduces 5 t satisfies 2	e in equilibunits of ou s both the 3	orium when utput its M conditions	n it produce R=MC and of equilibr 5	es 5 units o MC is risi ium.	of ing.	3	6
i) Units TU	re the firm When it pro el of outpu 1 20	would be oduces 5 t satisfies 2 36	e in equilibunits of our solution the solution of the solution	orium when utput its M conditions 4 50	n it produce R=MC and of equilibr 5 50	es 5 units o MC is risi ium.	of ing.	3	6
i) Units TU MU	re the firm When it pro el of outpu 1 20 20	would be oduces 5 t satisfies 2 36 16	e in equilibunits of our solution the solution of the solution	arium when utput its Miconditions 4 50 4	n it produce R=MC and of equilibr 5 50 0	es 5 units of MC is ristium.	of ing.	3	6