

K17P 1184

Reg. No. :	
Name :	e'mit ii naewindig

Third Semester M.A. Degree (Supplementary)

	100	xamination, N 2013 & Earlier Econo	Adr	nissions)			
	Optional -	07 : MATHE	Committee of the committee of	THE PARTY OF THE P	MOM	ics	
Time: 3 Hours	in a fair way					Max. Marks: 80	
Instructions	<ol> <li>Part B:</li> <li>Part C:</li> </ol>	Answer <b>any 8</b> q Answer <b>any 4</b> q	uestic uestic	ons. <b>Each</b> qu ons. <b>Each</b> qu	uestic uestic	arries <b>one</b> mark. on carries <b>3</b> marks. on carries <b>5</b> marks. on carries <b>13</b> marks.	
		PART	Г-A			Define product line	
The point is called	where maximu	um strategy of fir	rm A	equals minin	nax s	trategy of firm B	
a) pay off				saddle point		Explain cross price	
c) preson	er's dilemma		d)	dominant st	rateg	y value and metaped	
2		s an example of					
a) Courno		) Stackleberg					
3. Demand f	unctions are h	omogenous of de	egree	-	in pri	ces and income.	
a) one	b	) two	c)	zero	d)	none of these	
4. Cross price	e elasticities v	will be positive fo	or	good	S.	in teachin males in	
a) normal		C. Accommon Co.				complement	
5. The seller	's total revenu	ie increases, as	price	increases o	nly if	demand is	
a) elastic	b	) inelastic	c)	unit elastic	d)	none of these	
6. For the fire	m with monop	oly power,					
a) P = M0	)		b)	P < MC			
			P = elastici	= elasticity of demand			
7. MRTS LK	equals			Country's sc		Mathematically d	
a) $\frac{\partial L}{\partial K}$	enotisfical et b	$) \frac{-\partial L}{\partial K}$	c)	∂K ∂L	d	$\frac{-\partial K}{\partial L}$	
						C T C	

8.	In CES prode	uction function, elasticity	y of substitu	ution varies	s fromto	leg, N <del>ort -</del>		
	a) 0 to 1	b) 0 to α	c) -	-α to α	d) -1 to 1			
9.	shows the relationship between a firm's profit maximizing output and the amount it thinks its competitor will produce.							
			h) f	- Envelope c	curve			
	a) ISO profi			d) Isoquant				
	c) Reaction	ourvo						
10.		of minimizing the maxi	h) i	maximum	strategy			
	a) minimax	Per de la resta de monte.	,	mixed strat	The state of the s	$(1 \times 10 = 10)$		
	c) pure stra					atuon a IISIBI		
			PART-B					
11.	Explain the	budget constraint of the	consumer	THE MINERAL PLAN				
12.	What is con-	sumer's equilibrium?						
		it-output isoquant.						
14.	Define prod	uct line.	A-TRA					
15	Distinguish	between pure and mixed	d strategy.	enclants of	amiyam madu	interest "		
16	Derive marg	ginal cost from total cos	st - TC = 50	) + 6x + 2x	(≥.			
17	Explain cros	ss price elasticity of den	nand.			Ho yacı is		
18	Explain elas	sticity of substitution.	. 6					
19	. Explain pay	off matrix.	a disease of		pl conhelling			
20	. What is hon	nogenous production ful	nction?			(3×8=24)		
21	. Briefly expla	ain properties of indiffer	ence curve	S.	4	(3x0=24)		
	asad b	enon co suc	PART-C			Tonamau E		
22	. Explain ind	irect utility function.	TO EV	free and the				
		person zero sum game	Э.			amon te		
2/	Evolain cor	estant elasticity demand	I function.					
25	. Mathematic	cally show the relation be der monopoly.	etween price	e elasticity	of demand and	marginal		
26		ear expenditure system.			agenom ritiw m	(5.4.00)		
	7. Explain hor	mothetic preferences.				(5×4=20)		
			PART-D		- 1 T			
28	3. Mathemati	cally derive Cournot's e	quilibrium.			oron' r		
2000	State and	prove properties of Cobb	b-Douglas i	production	function.			
120	Explain the	e graphical method of lin	near progra	imming and	d its ilmitations.	(0.40.00)		
- 7.5	1. Explain the	e direct and cross effect	ts in the Slu	itsky equa	tion.	(2×13≔26)		
			44					