

#### <u>Sample Question Format</u> (For all courses having end semester Full Mark=50)

# KIIT Deemed to be University Online End Semester Examination(Autumn Semester-2020)

<u>Subject Name & Code:</u> Engineering Econonomics HS 2002 <u>Applicable to Courses: B.Tech 5th Semester</u>

Full Marks=50 Time:2 Hours

### SECTION-A(Answer All Questions. Each question carries 2 Marks)

<u>Time:30 Minutes</u>  $(7 \times 2 = 14 \text{ Marks})$ 

Question No	Questi on Type (MCQ)	Question	CO Mapping	Answer Key (For MCQ Questions only)
Q.No:1		1.Suppose goods X and Y are substitutes. Which of the following is TRUE?  a) An increase in the price of X will result in a decrease in the equilibrium price of Y. b) An decrease in the price of X will result in an increase in the equilibrium quantity of Y. c) An increase in the price of X will result in an increase in the equilibrium quantity of Y. d) More than one of the above is true.	CO1	(c)
		2.Which of the following statements about inferior goods is/are FALSE?  I. Inferior goods are those that we will never buy, no matter how cheap they are.  II. Inferior goods are those that we buy more of, if we become poorer.  III. Inferior goods are those that we	CO1	(b)

		Г	
	buy more of, if we become richer.		
	a) I only		
	b) III only.		
	c) I and III only.		
	d) I, II, and III.		
	3.A good with a vertical demand	CO1	(c)
	curve has a demand with		
	a) infinite elasticity.		
	b) unit elasticity.		
	c) zero elasticity.		
	d) varying elasticity		
	4. To say that turnips are inferior	CO1	(b)
	goods means that the income		
	elasticity		
	a) is definitely greater than 1.		
	b) is negative.		
	c) is positive but could be greater		
	than or less then (or equal to) 1.		
O Maio	d) is definitely between 0 and 1.	COO	(-)
<u>Q.No:2</u>	1. If a rightward shift of the supply	CO2	(a)
	curve leads to a 6 percent decrease		
	in the price and a 5 percent increase		
	in the quantity demanded, the price		
	elasticity of demand is		
	a) 0.83 b) 0.30 c) 0.60		
	d) 1.20 2. A 10 percent increase in the	CO2	(a)
	quantity of spinach demanded		(a)
	results from a 20 percent decline in		
	its price. The price elasticity of		
	demand for spinach is		
	a) 0.5 b) 20.0 c) 2.0 d) 10.0.		
	3. A 20 percent increase in the	CO2	(a)
	quantity of pizza demanded results		(~)
	from a 10 percent decline in its		
	price. The price elasticity of demand		
	for pizza is		
	a) 2.0 b) 10.0 c) 0.5 d) 20.0.		
	4. Suppose a rise in the price of	CO2	(a)
	peaches from \$5.50 to \$6.50 per		` '
	bushel decreases the quantity		
	demanded from 12,500 to 11,500		
	bushels. The price elasticity of		
	demand is(by mid-point method)		
	a) 0.5 b) 1000 c) 2.0 d) 1.0.		
Q.No:3	1. Given an investment of Rs 10000	CO3	(d)
	for a period of one year, it is better		
	to invest in a scheme that pays:		
	1 4		

	100/		
	a) 12% interest compounded annually.		
	b) 12% interest compounded		
	monthly.		
	c) 12% interest compounded		
	weekly.		
	1) 100/ : / / / 11		
	<ul><li>d) 12% interest rate weekly.</li><li>2.If the interest rate on a loan is 1%</li></ul>	CO3	(c)
	per month, the effective annual rate	003	(C)
	of interest is:		
	a) 12%		
	b) 12.36%		
	c) 12.68%		
	d) 12.84%		
	3.The difference between effective	CO3	(d)
	annual rate of interest with monthly		
	and quarterly compounding when		
	nominal rate of interest is 10% is:		
	a) 0.10%		
	b) 0.14%		
	c) 0.21%		
	d) 0.09% 4. If \$400 is invested for 5 years at	CO3	(b)
	6% per annum compounded weekly,	003	(b)
	what is the mature amount?		
	a) 632.36		
	b) 539.31		
	c) 523.34		
	d) 554.23		
Q.No:4	1. With respect to production, the	CO2	(d)
	short run is best defined as a time		
	period		
	a. lasting about six months.		
	b. lasting about two years.		
	c. in which all inputs are fixed.		
	d. in which at least one input is fixed.		
	iixcu.		
	2. In the long run, all factors of	CO2	(a)
	production are		
	a. variable.		
	b. fixed.		
	c. materials.		
	d. rented.		
	3. If the average productivity of	CO2	(a)
	labor equals the marginal		(α)
	productivity of labor, then		
	a. the average productivity of labor		

Q.No:6	1. Given the Purchase value(P)=Rs	CO2	(c)
	<ul> <li>4. Perfect competition is an industry with</li> <li>a. a few firms producing identical goods.</li> <li>b. many firms producing goods that differ somewhat.</li> <li>c. a few firms producing goods that differ somewhat in quality.</li> <li>d. many firms producing identical goods.</li> </ul>	CO3	(d)
	3. A firm that is producing at the lowest possible average cost is always: a. Earning an economic profit. b. Productively efficient. c. Dominating the other firms in the market. d. Not producing enough output.	CO3	(b)
	2. Which of the following is not a valid option for a perfectly competitive firm? a. Increasing its output. b. Decreasing its output. c. Increasing its price. d. Increasing its resources.	CO3	(c)
Q.No:5	1. A firm will shut down in the short run if: a. fixed costs exceed revenues. b. total costs exceed revenues. c. it is suffering a loss. d. variable costs exceed revenues.	CO3	(d)
	d. Neither A nor B above.  4. Marginal costs is the change in total cost resulting from unit change in a. output b. input c. both(a) and (b) d. None of these	CO2	(a)
	is at a maximum. b. the marginal productivity of labor is at a maximum. c. Both A and B above.		

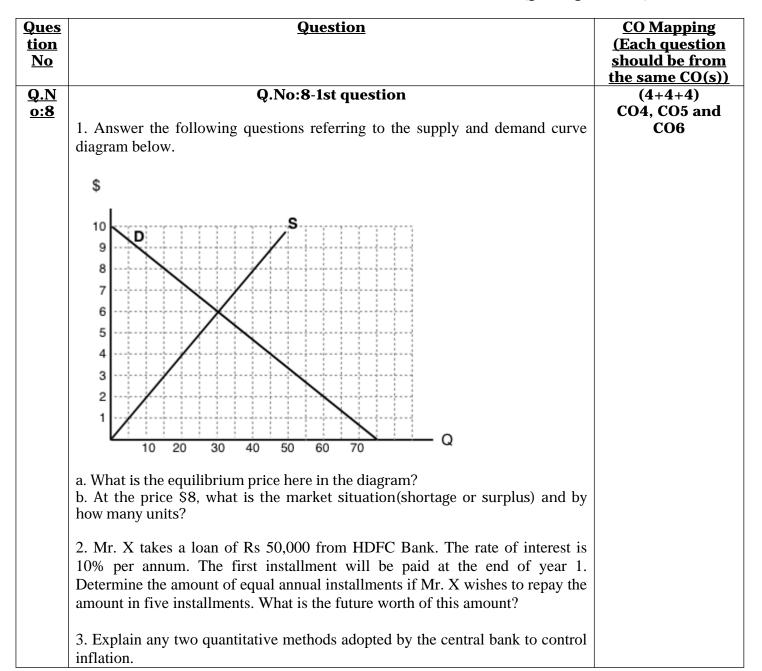
	20000 and salvage value(S)=Rs 500, what is the Dt and Bt combination for the 1st year by Straight Line Method of Depreciation?  a) 3000, 11500 b) 3900, 8300 c) 3900,16100 d) 3200, 15200  2. Given the Purchase value(P)=Rs 20000 and salvage value(S)=Rs 500, what is the Dt and Bt combination	CO2	(a)
	for the 2nd year by Straight Line Method of Depreciation? a) 3900, 12200 b) 3900, 8300 c) 3900,16100 d) 3200, 15200		
	3. Given the Purchase value(P)=Rs 20000 and salvage value(S)=Rs 500, what is the Dt and Bt combination for the 3rd year by Straight Line Method of Depreciation? a) 3000, 8000 b) 3900, 8300 c) 3500,8200 d) 3200, 8100	CO2	(b)
	4. Given the Purchase value(P)=Rs 20000 and salvage value(S)=Rs 500, what is the Dt and Bt combination for the 4th year by Straight Line Method of Depreciation? a) 3800, 6500 b) 3900, 8300 c) 3900,4400 d) 3200, 4400	CO2	(c)
Q.No:7	1.Social costs are those costs a) not borne by the firms b) incurred by the society c) health hazards d) all of these	CO3	(d)
	2. Above the equilibrium price a) S < D b) S > D c) S = D d) none	CO3	(b)
	3. Under perfect competition, the demand curve is a) Upward sloping b) horizontal c) downward sloping d) vertical	CO3	(b)
	4. When the decrease in the price of one good causes the demand for another good to decrease, the goods are:	CO3	(c)

a. Normal	
b. Inferior	
c. Substitutes	
d. Complements	

## <u>SECTION-B(Answer Any Three Questions. Each Question carries 12 Marks)</u>

#### **Time: 1 Hour and 30 Minutes**

(3×12=36 Marks)



#### Q.No:8 -2nd question

1. The table below gives the demand schedule for snow peas. Answer the questions that follows.

Price	Quantity demanded
(dollars per	(bushels)
bushel)	
8	2000
7	4,000
6	6000
5	8000
4	10000
3	12000

- a .What is the price elasticity of demand between \$6.00 and \$7.00 per bushel?
- b. If the price of snow peas falls from \$4.00 to \$3.00 a bushel, what will be the effect on total revenue? What does this show about its elasticity?

2. Compute the future value of following given cash flows assuming an interest rate of 10% compounded annually.

1410 01 1	,	P									
Years	0	1	2	3	4	5	6	7	8	9	10
Cash flows in \$	-	-	200	-	200	-	200	-	200	-	200

3. Explain the stage in the Short run production function in which the Total product of the producer gets optimized with adequate diagram.

#### Q.No:8-3rd question

1. a) Demand and supply in a market are described by the equations:

$$Qd = 66-3P \text{ and } Qs = -4+2P.$$

Find the equilibrium price and quantity.

- b) What is the equilibrium P and Q if a per unit tax of t=5 per unit is imposed?
- 2. You want to buy an ordinary annuity that will pay you 4000 a year for the next 20 years. You expect annual interest rates will be 8% over that time period. What should be the maximum price you would be willing to pay for this scheme now? What is the total future worth of this scheme?
- 3. Explain the concept of 'Margin of Safety' of a producer with adequate diagram.

1,100 cror	es. Net Facto	arket price o				CO4, CO5 and CO6
	ct taxes — Sub ores. Calculate	r Income from Sidies was R	m Abroad wa Rs 150 crores	s Rs 100 cror and National	year was Rs es. The value I Income was	
deposit at investmen	10% per ar	nnum exactly ave generate	40 years ag	go. How mu	le one single ch was your inual deposit,	
3. Explain ho the economy.	•	g system of a	n economy ca	nn facilitate st	abilization of	
gallons dema milk is Qs= -	anded and P is	nand for mill the price pe			is millions of ket supply for	
	tax of \$1 per id by consume	-	k is imposed	in this marke	t. What is the	
		-			or 15 years at ture worth of	
at the end of the	purchase valu the 5th year, f e various year f depreciation	and the Depressions by Declinin	eciation(Dt) a	nd the book v	value(Bt) at	
competitive r Qd = 1700 - Qs = 1300 + Calculate the commodity X	3P e value of e K. he total value	d supply equaten by: equilibrium p	orice and eq	uilibrium qu	a perfectly antity of the y at 8.5% rate	
Year	0	1	2	3	4	

800

600

- 1000

Cash

flows(in \$)

200

400

3. Explain the concept of 'Cost Push Inflation' with adequate diagram.

#### Q.N o:10

#### Q.No:10-1st question

(4+4+4) CO4, CO5 and CO6

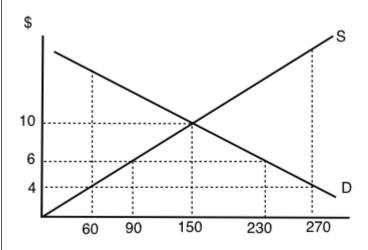
- 1. If the Purchase value of an asset is \$10000 with a salvage value of \$400 at the end of the 6th year, compute the Depreciation(Dt) and Book value(Bt) for the various years by Sum of the Years Digit method.
- 2. a) Complete the following schedule.
- b) Where is the Profit maximum for this producer. Explain.

Output	Price	Total	TFC	TVC	TC	AC	MC
	per	Revenue					
	unit						
0	100			100			
1	90			130			
2	80			158			
3	70			183			
4	60			208			
5	50			253			
6	40			308			
7	30			368			
8	20			468			

3. Explain the 'Break Even point' of a producer with diagram.

#### Q.No:10-2nd question

1. Consider the supply and demand curve diagram below.



- a. What is the equilibrium price and quantity?
- b. If the price of this good is \$6, then what is the market situation(shortage/surplus) and by how much units?

2.

From the following information about a firm, find the firms equilibrium output of the firm in terms of Marginal Cost(MC) and Marginal Revenue(MR). Show the MC and MR curves with diagrams. Total revenue(Rs) Output Total cost(Rs) (units) 1 8 2 14 15 3 21 21 4 28 28 5 35 36 3. Explain where should a perfectly competitive firm 'shut down', with adequate diagram. Q.No:10-3rd question Q1. Producer A has a fixed cost of \$40000 per year and a variable cost of \$60 per unit. Producer B has a variable cost per unit of \$10. If the total costs of the two producer break even at a production rate of 2000 units per year, what is the fixed cost of machine B? Q2. If a person invests Rs 50000 at the end of the first year and thereafter increases his investment by Rs 5000 each year, what is the maturity amount he will receive at the end of the 15th year at 8% rate of interest? Q3. Compare and contrast the features of a 'Perfectly competitive' and a 'Monopoly' market(explain minimum 4 points) Q.No:11 1st question (4+4+4)CO4, CO5 and Q1. The fixed costs at Company X are \$1 million annually. The main product has revenue of \$8.90 per unit and \$4.50 variable cost. (a) Determine the break-**CO6** even quantity per year, and (b) Annual profit if 250000 units are sold. Q2. Explain the concept of 'Demand Pull inflation' with diagram. Q3. The following table shows the total revenue and total cost schedules of a competitive firm. Calculate (a)the profit at each output level and (b) determine the market price of the goods. Quantity 1 2 7 sold 0 3 4 5 6 in units

Q.N

<u>o:</u> 11

TR(in Rs)

TC(in Rs)

0

5

5

7

10

10

15

12

20

15

25

23

30

33

35

40

Q.No:11 2nd question  Q1. A Monopolist has the cost function TC= 200Y +15Y² and faces the demand function given by p=1200 -10Y (where Y =output and p=price per unit), find  (a) the profit maximizing output and price?  (b) What is its maximal profit?  Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  C04. C05 at 24444  C04, C05 at 24444	Profit(Rs)	?	?	$\mid ? \mid \mid$	?	?	?	?	?				
Q1. A Monopolist has the cost function TC= 200Y +15Y² and faces the demand function given by p=1200 -10Y (where Y =output and p=price per unit), find  (a) the profit maximizing output and price?  (b) What is its maximal profit?  Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  [No:11 3rd question   Q.No:11 3rd questi	-	nit ?	?	?	?	?	?	?	?				
demand function given by p=1200 -10Y (where Y =output and p=price per unit), find  (a) the profit maximizing output and price?  (b) What is its maximal profit?  Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.    Initial   Return (in   Return (in   Return (in   Return   Salvage value(\$))			<u>Q.</u>	No:11	<u> 2nd</u>	questio	<u>n</u>						•
(b) What is its maximal profit?  Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Initial Return (in Return (in Return Salvage cost(\$) \$)Year 1 \$)Year 2 \$)Year 3 (in \$) Year value(\$) 4	demand funct	•											CO6
Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Initial Return (in Return (in Return (in Salvage cost(\$) \$)Year 1 \$)Year 2 \$)Year 3 (in \$) Year value(\$) 4	(a) the profit	maximizi	ng ou	tput ar	nd pri	ice?							
Q2. Explain the role of government in stabilizing the economy of any country.  Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Initial Return (in Return (in Return (in Salvage (in \$) Year value(\$))  Salvage (in \$) Year value(\$)	(h) What is its	s maximal	profit	-9									
Q3. Given the initial cost on a project is \$ 20000 with Returns of \$12000 each year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question  Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Initial Return (in Return (in Return (in Return Salvage cost(\$) \$)Year 1 \$)Year 2 \$)Year 3 (in \$) Year value(\$) 4	(0) What is its	, iliaxilliai	prom	•									
year for two years of its operation before winding up, find the Internal Rate of return by Trial and Error method.  Q.No:11 3rd question Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.  Initial Return (in Return (in Return Salvage cost(\$) \$)Year 1 \$)Year 2 \$)Year 3 (in \$) Year value(\$) 4													
Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.    Initial   Return (in   Return (in   Return (in   Return   Salvage cost(\$)   \$)Year 1   \$)Year 2   \$)Year 3   (in \$) Year value(\$)   4	Q2. Explain th	he role of	goveri	nment i	in sta	bilizing tl	ne eco	onomy c	of an	y cou	ntry.		
Q1. Given the following details, find the Net presents value of the project and suggest if it can be considered on NPV criteria at 10% per annum.    Initial   Return (in   Return (in   Return (in   Return   Salvage cost(\$)   \$)Year 1   \$)Year 2   \$)Year 3   (in \$) Year value(\$)   4	Q3. Given the year for two y	e initial co years of it	ost on a	a projecation b	ct is S	\$ 20000 v	vith F	Returns o	of \$	1200	0 eac	ch	
Initial Return (in Return (in Return (in \$\\$)Year 1 \$\\$)Year 2 \$\\$)Year 3 (in \$\\$) Year walue(\$\$)	Q3. Given the year for two y	e initial co years of it	ost on a s oper or meth	a proje ation b	ct is S	\$ 20000 ve winding	vith R up, f	Returns o	of \$	1200	0 eac	ch	(4+4+4
cost(\$) \$)Year 1 \$)Year 2 \$)Year 3 (in \$) Year value(\$) 4	Q3. Given the year for two y return by Tria	e initial co years of its al and Erro	ost on a soper or methor with the solution of	a projection benod.  .No:11 ails, fin	ct is Sectore	\$ 20000 ve winding  question  Net pres	vith F up, f n ents	Returns of ind the	of \$ Inter	1200 nal R	0 eac	ch of	CO4, CO5
	Q3. Given the year for two y return by Tria.  Q1. Given the suggest if it ca	e initial co years of its al and Erro ae following an be cons	ost on a soper or method Quantity details	a projection bened.  .No:11 ails, find on NI	ct is Sefore  3rd  ad the	\$ 20000 ve winding  question  Net president at 1	vith K up, f  n ents v	Returns of the land the land the land the land the land land land land land land land land	of \$ Inter	1200 nal R	0 eac	ch of	CO4, CO5
	Q3. Given the year for two y return by Tria Q1. Given the suggest if it ca	e initial coyears of its and Errone following the construction Return (i	ost on a soper or methodology of the control of the	a projectation behaved.  .No:11 ails, find on NI eturn (	ad the	\$ 20000 ve winding  question  e Net presenteria at 1  Return (i	up, f  up, f  n ents v 0% p n   Ro	Returns of ind the value of er annument	of \$ Inter the	1200 nal R proje	0 eac	ch of	CO4, CO5
	Q3. Given the year for two y return by Tria  Q1. Given the suggest if it ca  Initial cost(\$)  3000	e initial coyears of its and Error and be conserved Return (in \$) Year 1	Q Q ng deta sidered in Re 1 \$)	a projectation behaved.  .No:11 ails, find on NI eturn (	ad the	\$ 20000 ve winding  question  e Net presenteria at 1  Return (i	up, f  n ents 0% p (iii	Returns of ind the value of er annument	of \$ Inter the	1200 nal R proje Salv value	0 eac Rate ( act an age e(\$)	ch of	CO4, CO5
Q2. Write short notes on: a) Concept of Short run and long run production function with example	Q3. Given the year for two y return by Tria  Q1. Given the suggest if it ca  Initial cost(\$)  3000  Q2. Write sho	e initial coyears of its and Error and Error (in \$) Year 1000 ort notes or	ost on as oper or method Quantity Quant	a projectation be nod.  .No:11 ails, find on NI eturn (e) Year 2	3rd ad the	\$ 20000 ve winding  question e Net presenteria at 1 Return (i \$)Year 3	ents vo	value of er annureturn (a) Yea	of \$Inter	1200 nal R proje Salv value	0 eac Rate ( act an age e(\$)	ch of	CO4, CO5
<ul><li>Q2. Write short notes on:</li><li>a) Concept of Short run and long run production function with example.</li><li>b) Shapes of average fixed cost, average variable cost and average cost with</li></ul>	Q3. Given the year for two y return by Tria  Q1. Given the suggest if it ca  Initial cost(\$)  3000  Q2. Write sho a) Concept of	e initial coyears of its and Error and Error (in \$) Year 1000 ort notes on Short run	ost on as oper or method of the sidered of the side	a projectation be nod.  No:11 ails, find on NI eturn (1994) 1200 ong run	3rd ad the	\$ 20000 ve winding  question  e Net presenteria at 1 Return (ii \$) Year 3	ents von Roman Rom	value of er annureturn (18) Yea	of \$Inter	1200 nal R proje Salv value	O eace and age e(\$)	nd	CO4, CO5
<ul><li>a) Concept of Short run and long run production function with example.</li><li>b) Shapes of average fixed cost, average variable cost and average cost with diagrams.</li></ul>	Q3. Given the year for two y return by Tria  Q1. Given the suggest if it ca  Initial cost(\$)  3000  Q2. Write sho a) Concept of b) Shapes of diagrams.	e initial coyears of its and Error and Error (in \$) Year 1000 ort notes on Short run average f	ost on as oper or method of the state of the	a projectation be nod.  No:11 ails, find on NI eturn (a) Year 2  1200 cong run cost, av	3rd ad the	\$ 20000 ve winding  question e Net presenteria at 1 Return (in \$)Year 3  800  duction fue variable	n Ro (in 4	value of er annureturn (a) Yea 800 m with e	of \$Inter	proje Salv value  ple.	o eace (ate of age e(\$)	nd	CO4, CO5
<ul><li>a) Concept of Short run and long run production function with example.</li><li>b) Shapes of average fixed cost, average variable cost and average cost with diagrams.</li><li>Q3. Find the future worth of the following cash flows over the years at 8% per</li></ul>	Q3. Given the year for two y return by Tria.  Q1. Given the suggest if it ca Initial cost(\$)  3000  Q2. Write sho a) Concept of b) Shapes of diagrams. Q3. Find the finding the state of th	e initial coyears of its and Error and Error (in \$) Year 1000 ort notes on Short run average f	ost on as oper or method of the state of the	a projectation be nod.  No:11 ails, find on NI eturn (a) Year 2  1200 cong run cost, av	3rd ad the	\$ 20000 ve winding  question e Net presenteria at 1 Return (in \$)Year 3  800  duction fue variable	n Ro (in 4	value of er annureturn (a) Yea 800 m with e	of \$Inter	proje Salv value  ple.	o eace (ate of age e(\$)	nd	CO4, CO5
<ul><li>a) Concept of Short run and long run production function with example.</li><li>b) Shapes of average fixed cost, average variable cost and average cost with diagrams.</li></ul>	Q3. Given the year for two yreturn by Tria  Q1. Given the suggest if it ca  Initial cost(\$)  3000  Q2. Write sho a) Concept of b) Shapes of diagrams. Q3. Find the fannum.	e initial coyears of its and Error le following an be conserved and Error le following an be conserved and Error le following average future word future word served average future word served average future word le following average future average future average future average future word le following average future average future average future word le following average future averag	ost on as oper or method of the state of the	.No:11 ails, find on NI eturn ( Year 2  1200  ong run cost, av	3rd ad the	\$ 20000 ve winding  question e Net presideria at 1 Return (in \$) Year 3  800  duction further variables  ag cash floor	n Ro (in 4	value of er annureturn (a) Yea 800 m with e	the m. xam erag	proje Salv value  ple.	o eace (ate of age e(\$)	nd	CO4, CO5

Paper Setter: Dr. S Palit

Moderator: Dr. Sukanta Chandra Swain