Seat	Sat	D
No.	Set	

	B.C	om.			-	ixamination Oct/No 5 (Paper – II)	v-2019
•			ay, 25-10-2019 To 05:30 PM			• •	Max. Marks: 70
Instr	uctions		All questions are com Figures to the right in		arks		
Q.1	Fill in 1)	the Two a) b)	blanks by choosing of persons zero sum gas Sum of losses to one	the correct a ame means to player equa	alte hat lls to	rnatives given below:	
	2)		me theory models are number of players number of strategies				
	3)	a) b)	ame is said to be fair in Both upper and lower Upper and lower valu Upper value is more None of the above	r values of thus of the gal	me	•	
	4)	of _ a)	size of the payoff mages game inversion dominance	trix of a gam		nn be reduced by using protation reduction game transpose	orinciple
	5)	-	pe of decision making certainty risk	ı environmen	b)	uncertainty all of the above	
	6)		cision theory is concert methods of arriving a selecting optimal dec analysis of informational the above	t ision in sequ		 al manner optimal decis le	ion
	7)		ertainty	eria is not us	b) d)	for decision making under maximax minimize the expected	
	8)	Exp a) b) c)	repeated a large num the average or expect happen ahead of time	eted monetar aber of times eted value of e.	y ou the	Itcome of a decision if it decision, if you know whe rmation if it were comple	nat would

d) the amount you would lose by not picking the best alternative

	9)	The objective of network analysis is to a) minimize total project duration b) minimize total project cost c) minimize production delays, interruption and conflicts d) all of the above									
	10)	Network models have advantages in terms of project a) planning b) scheduling c) controlling d) all the above									
	11)	The slack a) EF-E c) LS-E	S	ctivity in	network	b)	ll to LF-LS EF-LS				
	12)	An advan a) seve b) comp c) it is a syste d) All th	ral optior plex real applicable em	ns of me life prob	asure of lems car	perform be stud	nance ca died	in be exa	amined		
	13)	Which of a) BASI c) GAS	IC	ving is n	ot the sp	•	irpose o GPSS SIMSCI		ion lang	uage?	
	14)	As simula must be v a) unrea c) appro	viewed as	3	•	model, to b) d)	therefore exact simplifie		of simula	ition	
Q.2	Ans a) b)	Briefly explain the Monte Carlo simulation with suitable example. Two competitors A and B are competing for the same product. Their different strategies are given in the following payoff matrix. Use dominance principle to find the optimal solution.									
Q.3	Ans a) b)	Swer the following questions. Show how to solve 2×2 two person zero sum game without any saddle point. Derive the expression for mixed strategies. Give a decision making under risk EMV criteria.									
Q.4	•			Ū			ila.				11
W.4	a)	As period schedule has the following activities and time (in hours) of completion of activity is as follows.									
		Activity	1-2	2-3	2-4	1-4	4-5	5-6	3-6	2-6	
		Time (in Hours)	5	8	6	4	4	5	3	1	
	b)	Briefly explanation ma					•	opted in	context	of	
Q.5	Ans a)	wer the follower the graphically	owing q	uestion	s. (Any ce in ga	One) me theo	ry. Solve	e the follo	owing ga	ame	14
	b)	Write a sho	art nota a	n eimul	_	5 15] 6 3 Nits app					
	IJ)	vviile a siil	אונווטנס ל	nı ənnul	audii ail	ι πο αμμ	iicatioii.				