Nan	ne										Printed I	Pages:02
Stu	dent Admn	. No.:										
						of Financ og Exami						
	P	rogramme :	BBA (Finar		_			[V] [Bato	h:2020-2	023]	
Programme: BBA (Financial Investment Analysis)] [Semester: IV] [Course Title: Quantitative Technique									Max Marks: 100			
Course Code: BBAF2015									Time: 3 Hrs.			
Inst	ructions:	1. A	ll quest	ions c	are com	pulsory.						
		2. A	ssume i	missii	ng data	suitably, i	f any.					
									K	Level	COs	Marks
		SEC	CTION	I-A (1	15 Marl	ks)		5	Marks e	ach		
1.	Describe t	he computati	onal pr	ocedi	ure of th	ne optimal	ity test in	transportatio	n	CO1	K1	5
2.	Recite the term of artificial variables and its use in linear programming								CO2	K2	5	
3.	Cite the te	rm unbalanc	e transp	ortat	ion prob	olem				CO2	K2	5
		SE	CTION	V-B (4	40 Marl	xs)		10	Marks e	ach		
4.	product P and N. Pro on N. Proc is available 10 hours	n produces two products, P and Q and sell them at a profit of Rs 4 on et P and 6 on product Q. Each product is processed on two machines M. Product P requires 3 minutes of processing time on M and 6 minutes Product Q requires 4 minutes on M and 5 minutes on N. The machine M lable for not more than 7 hours 30 minutes while machine N is available urs and 40 minutes during the working days. Formulate the linear mming model that will maximize the total profit.				CO2	K2	10				
5.	Explain how to resolve degeneracy in transportation Problem? How does the problem of degeneracy arise in the transportation problem? Explain how one can overcome it? Explain with the help of example?									CO3	К3	10
6.	Design the	e rules of net	work co	onstru	iction.					CO4	К3	10
	_	network diag					<u> </u>					
	Activity		A	В	C	D	E	F				10
7.	Predeces Activity	sor		A	A	В	С	D.E		CO4	K4	
7.	Duration	(Weeks)	3	5	7	10	5	4				
		OR										
	Illustrate the limitations of PERT and CPM with examples.											
	^							Marks o	each		1	
8.	finding th	hod of assig e optimal so olution" De	lution	witho	out havi	ng to mal		nethod of et compariso	n	C03	K4	15
9.		Optimistic ti					likely tin	ne for PERT		C04	K5	15

Solve the g	ame where j	payoff matrix a	re given as:(U	Jse Dominance I	Principle)	C05	
		2	-2	4	1		
		6	1	12	3		
Player	A	-3	2	0	6		
		2	-3	7	1		
	Player	ne using Graph	Player	7			
	B1	B2	B3				
Player A1	4	-1	0	_			
Player A2	-1	4	2				