Name: Enrolm	nent No:	UNIVERSITY OF TOMORROW					
	UNIVERSITY OF PETROLEUM AN End Semester Examination e: Project Management & Contract Administration	n, May 2024 Semester:					
Program: MBA (ALL)Time:Course Code: LSCM 8001Max. MarkInstructions: Usage of calculator and graph paper allowed.Max. Mark							
	SECTION A 10Qx2M= 20 Mar	·ks					
S. No.			Marks	CO			
Q 1	Fill in the blanks. Each blank carries 2 marks						
1.1	A is a graphical model depicting the various elements of the Project Work System.	2	C01				
1.2	involves monitoring and n the quality activities to assess performance and recommend	2	CO1				
1.3	Reserves are not included in the project option: Management / Contingency)	2	CO1				
1.4	models are used to estimate how will cost based on physical attributes e.g. weight, volume, p sq. foot	2	CO1				
1.5	The overall project costs broken down into the various major equipment etc. is known as	2	CO1				
1.6	A is an agreement between two or more p parties.	2	CO1				
1.7	The is a structured log that maintains that can affect the project along with relevant information to	2	CO1				
1.8	Project Risk is an uncertain event or condition that, if it occurs effect on projects	2	CO1				
1.9	integrates cost, sch forecast future performance and project completion dates.	2	CO1				
1.10	The is a thorough examination of t methodology and procedures, its records, its budgets and completion.	2	CO1				
	SECTION B 4Qx5M= 20 Mari	ks					
2.1	Greenfield project vs. Brownfield project		5	CO2			
2.2	Product scope vs. Project scope		5	CO2			

2.3	CPM vs. PERT						5	CO2		
2.4	Fixed Price	xed Price contracts vs. Cost Reimbursable contracts						5	CO2	
				SECTIO x10M= 3						
3.1	Explain the various stages of project life cycle with the help of a labelled diagram.						10	CO3		
3.2	Discuss the problems caused by project cost over estimation & under estimation.							10	CO3	
3.3	How can knowledge of project management contribute to the economic development of a country? Giving brief scenario of project status in various sectors throw light on the major causes of project failure in India.							10	CO3	
			S	SECTIO						
4.1	The cash flows of two competing projects are tabulated below. Determine the payback period and NPV of the following projects and compare them according to each criterion. The cost of capital is 12% per annum. (All figures in in Rs. Crores)ProjectInitial InvestmentYear 1Year 2Year 3Year 4Year 5						15	CO4		
	Alpha	100	40	30	30		30	30	15	
	Beta	100	50	50	20		15	10		
4.2	Consider the data of a project shown in the following table.									
	Activity	Immediate predecessor(s)	Time (Normal	days) Crash	Cost (Rs Normal	s. '000 Cras				
	А	-	6	4	60	78				
	В	-	7	4	30	42				
	С	А	4	1	50	92				
	D	А	6	5	60	75			15	CO4
	E	B,C	7	3	20	68				
	F	Е	3	1	20	40				
	G	Е	7	3	40	56				
	Н	D,F	5	4	30	41				
	If the indirect cost per day is Rs. 15,000, find the optimal crashed project completion time.									