Name: Enrolm	ent No:		
Progra Course	UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December 2023 e: Project Management & Contract Administration m: MBA (ALL) e Code: LSCM 8001 ctions: Usage of calculator and graph paper allowed.	: 03 Hrs.	
	SECTION A		
S. No.	10Qx2M= 20 Marks	Marks	СО
Q 1	Fill in the blanks. Each blank carries 2 marks.	11101 113	
1.1	A project is a series ofdirected to accomplishment of a desired objective.	2	CO1
1.2	AACE stands for	2	CO1
1.3	The critical activities in a project network have slack time.	2	CO1
1.4	According to PMBOK, there are total process groups.	2	C01
1.5	A is an agreement between two or more parties that is binding on all the parties.	2	CO1
1.6	The activities are shown as bars in Gantt chart.	2	C01
1.7	plays a significant role in developing the initial scope statement and the project charter. (Choose the correct option: Project Sponsor / Project Manager)	2	CO1
1.8	Reserves are not included in the project budget. (Choose the correct option: Management / Contingency)	2	CO1
1.9	If cost of capital = IRR, then Net Present Value =	2	CO1
1.10	The expected project completion time is 27 weeks; the probability of being completed in 26 weeks will be than 0.5.	2	CO1
	SECTION B 4Qx5M= 20 Marks		
2.1	Demarcate various stages of project life cycle with the help of a labelled diagram.	5	CO2
2.2	Classify various methods of project financial evaluation and their applicability	5	CO2
2.3	Differentiate between direct costs & indirect costs in context of projects.	5	CO2
2.4	Compare and contrast Fixed Price contracts and Cost Reimbursable contracts.	5	CO2

					SECTION						
3.1	<b>3Qx10M= 30 Marks</b> How can we ensure project quality? Explain the process of project quality management.								10	CO3	
3.2	Discuss the development of throw light on	of a country. C	living br	ief s	cenario of	project stat				10	CO3
3.3	The future cas and NPV of th The cost of ca	sh flows of tw ne following p pital is 12% p	o projec rojects a er annur	ts are and c n. (A	e as given compare th all figures	. Determine nem accord in in Rs. Ci	ing to ea ores)	ch criter	rion.		CO3
	Project Alpha	Investmen 500		ar 1 )0	Year 2 150	Year 3	Year 4	Year		10	
	Beta	500		50	250	100	75	50			
					SECTION 15M = 30		<u> </u>		J		
4.1	Consider the c	Imme	diate	Du	uration Weeks) 8	Budget Co	Lakhs) 8	ivity			
	B	- B			2 5		8 10				
	D E				6 4		9 12			15	0.04
	F	D,			4		6			15	CO4
	G	D,			1		1				
	H	F			3		6				
	(ii) Draw t (iii)Prepar	the network di the Gantt char e the cumulati	t showin ve cost o	ig cos curve	st break-u	path. p.	60	] 			
4.2	The progress s follows:	status report of	t the san	ne pr	oject at th	e end of giv	ven week	s 1s as			
	Activity	% Work Completed	Actual cost		Activity	% Wor Comple		Actual cost			
	En	d of Week 5				End of W	eek 20			15	CO4
	A	50	5	_	A	100		10			
	B C	100 20	<u>10</u> 2	-	B C	100		10 12	-		
	Others	20	$\frac{2}{0}$	$\dashv$	D D	100		12			
		d of Week 10	~		E	100		15			

A	100	10	F	100	8					
В	100	10	G	100	2					
С	100	12	Н	0	0					
D	20	2		End of Week	22					
Others	0	0	А	100	10					
]	End of Week 15		В	100	10					
А	100	10	С	100	12					
В	100	10	D	100	11					
С	100	12	E	100	15					
D	100	11	F	100	8					
E	100	15	G	100	2					
Others	0	0	Н	100	7					
(i) (ii)	Compute the Co the Schedule Va Estimate cost at	riance at 5 completion	th, 10th, 15th n and time to	& 20th week.						
(iii)	<ul><li>10th, 15th &amp; 20th week status.</li><li>(iii) Comment upon the effectiveness of the project monitoring system based on the changes in the above indicators over time.</li></ul>									