

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2021

Course: Project Management & Contract Administration Semester: III

Program: MBA (PM) Time: 03 Hours

Course code: LSCM 8001 Max. Marks: 100

Instructions: Use of calculator is allowed

SECTION A (Choose the correct option)

		Marks	CO
Q 1.1	Project is the application of knowledge, skills, tools and techniques to		
	project activities to meet project requirements.		
	(a) Management	2	CO1
	(b) Planning		COI
	(c) Execution		
	(d) Controlling		
Q 1.2	There are project management process groups according to PMI-PMBOK.		
	(a) Four		
	(b) Five	2	CO1
	(c) Six		
	(d) Seven		
Q 1.3	Which of the following is not a project manager's competency category according to IPMA?		
	(a) Technical		
	(b) Behavioral	2	CO ₁
	(c) Managerial		
	(d) Contextual		
Q 1.4	is a collection of generally sequential and sometimes overlapping		
	project phases.		
	(a) Project Charter	2	CO1
	(b) Project Execution Plan		COI
	(c) Project Scope Statement		
	(d) Project Life Cycle		
Q 1.5	Stakeholder influence, risk, and uncertainty as the project progresses.		
	(a) Decreases		
	(b) Increases	2	CO ₁
	(c) does not change		
	(d) are independent		
Q 1.6	Following is not one among Triple Constraints of Project Management:		
	(a) Time		
	(b) Stakeholders	2	CO1
	(c) Cost		
	(d) Scope		
Q 1.7	Which of the following is a non-discounted cash flow technique of project financial		
	evaluation?	2	CO1
ı	(a) NPV		

	(b) IRR						
	(c) Pay Back	Period					
	(d) None of t						
Q 1.8	There are		ect management k	nowledge areas a	ccording to PMI-		
	PMBOK.		-	-	-		
	(a) Seven					2	CO1
	(b) Eight					-	
	(c) Nine						
Q 1.9	(d) Ten	project planning ar	nd organizing pha	ca ic			
Q 1.9	(a) Project C		id organizing pha	sc 1s	·		
		Ianagement Plan				2	CO1
	(c) Accepted						
	(d) Archived	Project Documen					
Q 1.10		plays a signific	cant role in develo	pping the initial sc	ope statement and the		
	project charter.						
	(a) Project M					2	CO1
	(b) Project E (c) Project S						
	(d) All of the						
	(4) 1111 01 111		SECTI	ON B			
			~				
Q 2	Distinguish bety	ween product sco	ppe & product sc	ope.		5	CO2
Q 3	Classify the eler	nents of Quality	Costs			5	
Q 4	Explain what a	risk register is.				5	
Q 5	Give a brief acc	ount of PM softv	ware's application	on in managing p	projects.	5	CO2
			SECTI	ON-C			•
Q 6	How a project	identified and	selected? What	at are the bene	efits of using project		
	management too	ols & techniques	in achieving pro	ject success?			
			OR			10	CO3
					d leaders? What are the		
	tools available f	or successful dig	gital Project Mar	nagement?			
Q 7	Consider the data	of a project show	n in the following	g table.			
	Activity	Immediate	Time (weeks)	Cost (Rs.)			
		predecessor(s)					
	A	-	7	1800			
	В	-	9	3500			
	С	В	5	2500		10	CO3
	D	A	8	4000			
	Е	С	9	3000			
	F	В	11	3000			
	If the indirect cos	t per week is Rs.	350, find the total	cost of the project	t.		

	* *	(b) At the end of the 2 nd month, estimate the estimate the cost at completion and the likely time of completion of project if efficiency remains the same.								
	(c) Estimate likely time for completion of project if efficiency becomes 100% from next month.									
	from	next mont	tn.	CECTI	ON D					
				SECTI	ON-D					
Q 9	The estimated investments and cash inflows of two commercial projects are tabulated below. Calculate the payback period and NPV of these projects and rate them according									
Q 9						-	•			
Q 9		the payba	ack period ar	nd NPV o	f these pro	ojects and r	ate them	according		
Q 9	below. Calculate	the payba	ack period ar	nd NPV o	f these pro	ojects and r	ate them	according	15	CO4
Q 9	below. Calculate to each criterion.	the payba The cost Initial	ack period ar of capital is	nd NPV of 12% per	f these pro annum. (<i>A</i>	ojects and ra All figures i	ate them a	according akhs)	15	CO4
Q 9	below. Calculate to each criterion. Project Name	The cost Initial 1	ack period ar of capital is Investment	nd NPV of 12% per Year 1	f these pro annum. (A	Ojects and radiation of All figures in Year 3	ate them at them at the them at the them at the them at the the the the the the the the the th	according akhs) Year 5	15	CO4
Q 9	below. Calculate to each criterion. Project Name CHANDRALOK SURYA NAGRI Critically examin	The cost Initial 1	ack period ar of capital is Investment 4000	12% per Year 1 1600 2000	Year 2 1200 2000	Year 3 1200 2000	ate them a in INR La Year 4 1200 600	Year 5 1200 400	15	CO4
	below. Calculate to each criterion. Project Name CHANDRALOK SURYA NAGRI	The cost Initial 1	ack period ar of capital is Investment 4000	12% per Year 1 1600 2000	Year 2 1200 2000	Year 3 1200 2000	ate them a in INR La Year 4 1200 600	Year 5 1200 400	15	CO4
	below. Calculate to each criterion. Project Name CHANDRALOK SURYA NAGRI Critically examin	The cost Initial 1	ack period ar of capital is Investment 4000	12% per Year 1 1600 2000	Year 2 1200 2000	Year 3 1200 2000	ate them a in INR La Year 4 1200 600	Year 5 1200 400	15	CO4
	below. Calculate to each criterion. Project Name CHANDRALOK SURYA NAGRI Critically examin	Initial I	ack period ar of capital is Investment 4000 4000 nponents of	12% per 1 Year 1 1600 2000 Detailed 1	Year 2 1200 Project Re	Year 3 1200 2000 eport of a H	Year 4 1200 600 Hydropow	Year 5 1200 400 Yer Plant /		