Name: Enrollment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination (Online) – July, 2020

Program: M. Tech. (PLE)
Subject/Course: Project Management & Contract Administration

Max. Marks: 100

Course Code: LSCM 8001

IMPORTANT INSTRUCTIONS

The student must write his/her name and enrollment no. in the space designated above.

									U					Marks	COs
Q.1	Which clause of contracts can give protection to contractors in the event of unforeseen situations like COVID-19? Explain your understanding about it.														CO2
Q.2	Are projects an effective tool for achieving social justice or cause of social distress? Present your views supported with examples.														CO3
Q.3	Who can be stakeholders in a pipeline project installed for city gas distribution? Apply stakeholders' classification matrix to interpret their roles.														CO4
	The data of a fully manual project consisting of 7 activities is shown in following table:														
Q.4	Activity			-2	1-3	2	2-4	2-6	3-	-5	4-5	5-0	5		
	Duration (in weeks)			5	5		5	6	6	5	6	6			
	Manpower Requirement		4	10	24		16	10	2	0	20	30)	20	CO ₃
	Given that, labour cost is Rs. 200/manday and a typical working week has 5 working days. If all other costs are Rs. 50,000/week, then find the total project completion cost. A project- its activities, their predecessor(s) and their time estimates (in weeks) are:														
Q.5	1			1		r –	1				(in wee			20	
	ACTIVITY	Α	В	C	D	Е	F	G	Н	I	J	K	L		
	Immediate predecessor(s)	-	-	-	A	A	В,Е	C	C	D	F,G	Н	K		
	Optimistic (a)	4	2	5	8	4	5	5	6	7	8	2	4		CO4
	Most Likely (m)	6	3	5	10	5	6	8	8	7	10	3	5		
	Pessimistic (b)	8	4	5	12	6	7	11	10	13	12	4	6		
	Draw the project network and find the critical path and corresponding expected project completion time.														