



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES  
End Semester Examination, 2021

Course: Project Management  
Program: B. Com. (Honors - Taxation)  
Course Code: LSCM 3001

Semester: V  
Time: 03 Hours  
Max. Marks: 100

Instructions: Attempt all questions.

SECTION A

1. Each question carries 2 Marks

2. Instruction: State whether Choose the correct answer / Fill in the blanks / State whether True or False

Sl. No.	Question	CO
Q.1.	All of the following are characteristics of a project EXCEPT: A. Temporary B. Definite beginning and end C. Interrelated activities D. Repeats itself every month	CO1
Q.2.	A mission to Mars by India is not an example of a project. True/False	CO1
Q.3.	In a project _____ is a tangible, verifiable work product such as a feasibility study, a detail design, or a working prototype.	CO2
Q.4.	Phase-end reviews are often called kill points. True/False	CO2
Q.5.	_____ is a key management skill required for Project Management.	CO2
Q.6.	While drawing the network diagram, for each activity project, we should look A. What activities precede this activity? B. What activities follow this activity? C. What activities can take place concurrently with this activity? D. All of the above	CO3
Q.7.	A dummy activity is required when A. two or more activities have the same starting events. B. two or more activities have the same ending events. C. the network contains two or more activities that have identical starting and ending events. D. two or more activities have different ending events.	CO3
Q.8.	With respect to PERT and CPM, slack A. is a task or subproject that must be completed B. is the amount of time a task may be delayed without changing the overall project completion time C. is the latest time an activity can be started without delaying the entire project D. marks the start or completion of a task.	CO3
Q.9.	A critical path network diagram does NOT: A. Calculate the duration of the whole project. B. Calculate earned value. C. Help determine the amount of float. D. Identify the particularly important activities.	CO3

Q.10.	The start and completion of an activity are called events. True / False	CO3																																			
<b>SECTION B</b>																																					
<b>1. Each question carries 5 marks.</b>																																					
Q.11.	Discuss the meaning of 'progressive elaboration' with reference to a project.	CO1																																			
Q.12.	Discuss 'Feasibility Study' for a project.	CO2																																			
Q.13.	Discuss Work Breakdown Structure with an example.	CO2																																			
Q.14.	Differentiate between CPM and PERT.	CO3																																			
<b>Section C</b>																																					
<b>1. Each question carries 10 Marks.</b>																																					
Q.15.	Summarize the roles and responsibilities of a Project Manager. OR Discuss the various aspects of delegation in the context of Project Management.	CO1																																			
Q.16.	Summarize the various types of analysis to be carried out to establish Feasibility of a project.	CO2																																			
Q.17.	Discuss the advantages of using a Network Scheduling Technique.	CO3																																			
<b>Section D</b>																																					
<b>1. Each question carries 15 Marks.</b>																																					
Q.18.	Summarize the (a) Project Phases & (b) Stakeholders of a project. OR Summarize the Organizational Structures in various types of Project Management organizations.	CO2																																			
Q.19.	Listed below in the table are the activities and sequencing necessary for Lift Irrigation of a farm. <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Sr. No</th> <th>Activity</th> <th>Symbol</th> <th>Preceding activity</th> <th>Time (Days)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Site selection</td> <td>A</td> <td>----</td> <td>7</td> </tr> <tr> <td>2.</td> <td>Digging well</td> <td>B</td> <td>A</td> <td>3</td> </tr> <tr> <td>3.</td> <td>Laying field channels</td> <td>C</td> <td>B</td> <td>15</td> </tr> <tr> <td>4.</td> <td>Procurement of Pump</td> <td>D</td> <td>A</td> <td>7</td> </tr> <tr> <td>5.</td> <td>Installation of pump</td> <td>E</td> <td>D, B</td> <td>3</td> </tr> <tr> <td>6.</td> <td>Test run</td> <td>F</td> <td>C, E</td> <td>2</td> </tr> </tbody> </table> (a) Draw a network diagram for the project. (5) (b) Identify the Critical Path of the project. (10)	Sr. No	Activity	Symbol	Preceding activity	Time (Days)	1.	Site selection	A	----	7	2.	Digging well	B	A	3	3.	Laying field channels	C	B	15	4.	Procurement of Pump	D	A	7	5.	Installation of pump	E	D, B	3	6.	Test run	F	C, E	2	CO3
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