



Roll No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations - March 2026

Date: 11-03- 2026

Time: 11.45am to 01.15pm

School: SOE	Program: B Tech		
Course Code : CIV2035	Course Name: Construction Project Management		
Semester: VI	Max Marks: 50	Weightage: 25%	

CO - Levels	C01	C02	C03	C04	C05
Marks	31	19	-	-	-

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Name any four stakeholders of a construction project.	2 Marks	L1	C01
2	Describe the principle of span of control.	2 Marks	L2	C01
3	What is the Paternalistic Management style?	2 Marks	L2	C01
4	Explain Activity- on- Node (AoN) method.	2 Marks	L2	C02
5	Define a Critical path of an activity.	2 Marks	L1	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	If one is planning to start a business or is interested in expanding an existing one, an important decision relates to the choice of the form of business organization. Discuss any five forms of business organization that you have come across.	10 Marks	L2	C01
----	----	--	----------	----	-----

Or					
7.	a.	The project management lifecycle is a step-by-step framework of best practices used to monitor a project from its beginning to its end. Describe in detail the Pre-Project phase of Project Management.	10 Marks	L2	C01

8.	a.	Contract in project management helps to ensure that all parties involved in the project are aware of the terms of the agreement and that those terms are being adhered to. Explain the different types of contracts.	10 Marks	L2	C01
	b.	A Project is a temporary endeavor undertaken to provide a unique product or a service. In this regard, describe any 5 unique features of a project.	05 Marks	L2	C01

Or					
9.	a.	Project managers draw upon a broad range of skills and knowledge to perform their roles effectively. Project management competencies represent the essential qualifications of successful project managers, including skills, experience, and professional attributes. Elaborate on the key competencies required for an effective project management.	10 Marks	L2	C01
	b.	Discuss any three advantages and two disadvantages of Matrix type of Organization.	05 Marks	L2	C01

10.	a.	Using the AON network, draw the network diagram for the below activity showing ES, EF, LS, LF and duration.	10 Marks	L3	C02																																	
		<table border="1"> <thead> <tr> <th>Activity</th> <th>Predecessor activity</th> <th>Duration in days</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>~</td> <td>3</td> </tr> <tr> <td>B</td> <td>~</td> <td>8</td> </tr> <tr> <td>C</td> <td>A</td> <td>6</td> </tr> <tr> <td>D</td> <td>B</td> <td>4</td> </tr> <tr> <td>E</td> <td>A</td> <td>9</td> </tr> <tr> <td>F</td> <td>C, D</td> <td>2</td> </tr> <tr> <td>G</td> <td>E</td> <td>8</td> </tr> <tr> <td>H</td> <td>E</td> <td>5</td> </tr> <tr> <td>I</td> <td>F, G</td> <td>9</td> </tr> <tr> <td>J</td> <td>H, I</td> <td>1</td> </tr> </tbody> </table>	Activity	Predecessor activity	Duration in days	A	~	3	B	~	8	C	A	6	D	B	4	E	A	9	F	C, D	2	G	E	8	H	E	5	I	F, G	9	J	H, I	1			
Activity	Predecessor activity	Duration in days																																				
A	~	3																																				
B	~	8																																				
C	A	6																																				
D	B	4																																				
E	A	9																																				
F	C, D	2																																				
G	E	8																																				
H	E	5																																				
I	F, G	9																																				
J	H, I	1																																				
		Also, calculate the duration for the above activity and write the critical path.																																				

	b.	Write any 5 salient features of a Gantt chart.	05 Marks	L2	C02																								
Or																													
11.	a.	Draw the Gantt chart for the following activities.	5 Marks	L3	C02																								
		<table border="1"> <thead> <tr> <th>Activity</th> <th>Predecessor activity</th> <th>Duration in days</th> </tr> </thead> <tbody> <tr> <td>P</td> <td>~</td> <td>2</td> </tr> <tr> <td>Q</td> <td>P</td> <td>3</td> </tr> <tr> <td>R</td> <td>P</td> <td>2</td> </tr> <tr> <td>S</td> <td>Q,R</td> <td>4</td> </tr> <tr> <td>T</td> <td>Q,S</td> <td>3</td> </tr> <tr> <td>U</td> <td>S</td> <td>1</td> </tr> <tr> <td>V</td> <td>U,T</td> <td>2</td> </tr> </tbody> </table>	Activity	Predecessor activity	Duration in days	P	~	2	Q	P	3	R	P	2	S	Q,R	4	T	Q,S	3	U	S	1	V	U,T	2			
Activity	Predecessor activity	Duration in days																											
P	~	2																											
Q	P	3																											
R	P	2																											
S	Q,R	4																											
T	Q,S	3																											
U	S	1																											
V	U,T	2																											
	b.	Using the AON network, draw the network diagram for the above given activity showing ES, EF, LS, LF and duration. Find the Critical path and total duration of the project.	10 Marks	L3	C02																								