Roll No.												

PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations – March 2026

Date: 12- 03- 2026 **Time:** 09:30am – 11.00am

School: SOCSE	**Program:** B.Tech (CAI/CCS/CDV/CIT/COM/CSD/CSE/ISE/IST)	
Course Code: CIV2004	**Course Name:** Integrated Project Management	
Semester: VI	**Max Marks**: 50	**Weightage**: 25%

CO - Levels	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**
Marks	**6**	**14**	**30**		

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 4 project management knowledge areas.	2 Marks	L1	CO1
2	List the types of organizational structures.	2 Marks	L1	CO1
3	What are the different areas of project manager's sphere of influence?	2 Marks	L1	CO1
4	Define scope of a project.	2 Marks	L1	CO2
5	What is WBS?	2 Marks	L1	CO2

Part B

Answer the Questions. **Total Marks 40M**

6.		Explain the steps involved in project integration management.	10 Marks	L2	CO2
		Or			
7.		Explain the steps involved in project scope management.	10 Marks	L2	CO2

8.	a.	What are the ways in which duration can be estimated for an activity?	5 Marks	L2	CO3
	b.	Draw the Gantt chart for the following activities. Find the total duration of the project.	10 Marks	L3	CO3

Activity	Predecessor activity	Duration (days)
A	-	3
B	A	4
C	B	3
D	B	2
E	C	2
F	B	3
G	D, E	5
H	F	2
I	G, H	1

		Or			
9.	a.	What the different approaches used for scheduling?	5 Marks	L2	CO3
	b.	Draw the AoA and AoN network diagram for the following data:	10 Marks	L3	CO3

Activity	Predecessor activity	Duration in days
A	-	4
B	-	6
C	A	2
D	B	3
E	C	4
F	D, E	2
G	F	7
H	G	2

10.	a.	Draw the network diagram for the following data. Using Critical Path Method, estimate the duration and critical path.	15 Marks	L3	CO3

Activity	Predecessor activity	Duration (hours)
A	-	1
B	A	1
C	B	2
D	B	2
E	D	2
F	B	1
G	F	1
H	C, E, G	1
I	H	2
J	I	1

Or

11.	a.	Draw the network diagram for the following data. Using Critical Path Method, estimate the duration and critical path.	15 Marks	L3	CO3

Activity	Predecessor activity	Duration (days)
P	~	2
Q	P	3
R	Q, T	2
S	R	4
T	~	3
U	T	1
V	U	2
W	S, V	3