Roll No											

PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF ENGINEERING
MID TERM EXAMINATION - OCT 2023

Semester : Semester VII - 2020
Course Code : CIV2035
Course Name : Sem VII - CIV2035 - Construction Project Management
Program : CIV/CII/CIS

Date : 30-OCT-2023
Time : 11:30AM - 1:00PM
Max Marks : 60
Weightage : 30%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.
(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS **(5 X 2 = 10M)**

1. List out the different types of management styles followed in an organization.
(CO1) [Knowledge]
2. Define project. Show the Relevance of Project Management in Construction.
(CO1) [Knowledge]
3. Which are the two design factors that significantly influence the process of developing a project management structure?
(CO1) [Knowledge]
4. Define Early start, Early finish, Late start and Late finish of an activity.
(CO2) [Knowledge]
5. List out the most common project scheduling techniques.
(CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS **(2 X 15 = 30M)**

6. A) Explain the different Phases of a construction project in detail. (10 MARKS)
B) Write detailed note on the stakeholders of construction project. (5 MARKS)
(CO1) [Comprehension]

7. A) For a Construction project of multi-storey building", Project stakeholders wanted to know the terminologies used in the progress meeting. So define and briefly explain the following terms. (10 MARKS)

a.Ganttchart
b.WBS
c.Scheduling
d. Activity and types

B) Write a note on FIDIC document. (5 MARKS)

(CO2) [Comprehension]

PART C

ANSWER THE FOLLOWING QUESTION **(1 X 20 = 20M)**

8. A) To compare the output from MSP software and the manual network analysis technique, there is a need to find the result data of manual method. Hence, for the given project data, determine the critical path and total duration of project by following suitable network analysis technique. [10 Marks]
B) Activity schedule clearly indicates the ES, EF, LS, LF, TF, FF and critical activities of project. For the project data given, prepare project activity schedule.[10 Marks]

1.

Activity	Predecessor	Time (weeks)
A	-	1
B	A	2
C	A	3
D	B	1
E	B	3
F	C	4
G	C	2
H	D, E	3
I	F, G	2
J	H, I	1

(CO1) [Application]