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BTECH-MINOR
(SEM V) THEORY EXAMINATION 2024-25
PROJECT PLANNING AND CONTROL

TIME: 3 HRS**M.MARKS: 100**

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A**1. Attempt all questions in brief.****2 x 10 = 20**

Q no.	Question	CO	Level
a.	Why is project management important to the engineering process?	1	K1
b.	What is project life cycle?	1	K1
c.	What do you understand by project planning?	2	K1
d.	Show the objective of WBS?	2	K2
e.	Compare project control and monitoring?	3	K4
f.	Construct Gantt chart.	3	K3
g.	Find the integration of time and cost.	4	K1
h.	What is quality management?	4	K1
i.	What is group project?	5	K1
j.	Define project management?	5	K1

SECTION B**2. Attempt any three of the following:****10 x 3 = 30**

Q no.	Question	CO	Level
a.	Explain role and responsibilities in project management?	1	K2
b.	Classify the project scheduling levels.	2	K4
c.	Distinguish between risk management and earn value management.	3	K4
d.	Outline advanced project management tools with their applications.	4	K2
e.	Elaborate the application of project management in engineering.	5	K6

SECTION C**3. Attempt any one part of the following:****10 x 1 = 10**

Q no.	Question	CO	Level
a.	Examine the overview of project management and project stakeholder?	1	K4
b.	Define the project phrases and project organization.	1	K1

4. Attempt any one part of the following:**10 x 1 = 10**

Q no.	Question	CO	Level
a.	Distinguish between CPM and PERT.	2	K4
b.	Explain time estimation with scheduling and resource allocation with budgeting?	2	K2



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5. Attempt any one part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Determine network analysis of project control and monitoring with representation and application?	3	K5
b.	Explain the control techniques and performance measurement.	3	K2

6. Attempt any one part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Illustrate the Advanced features of project management software.	4	K2
b.	Explain the simulation and Optimization in project planning.	4	K5

7. Attempt any one part of the following: 10 x 1 = 10

Q no.	Question	CO	Level
a.	Discuss the Real-world engineering project case studies in project planning and control.	5	K6
b.	Importance of planning and controlling a stimulated.	5	K5