

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VII INFORMATION TECHNOLOGY : SUMMER : 2024
SUBJECT: PROJECT PLANNING & MANAGEMENT

Day : Wednesday
Date : 08/05/2024

S-24756-2024

Time : 02:30 PM-05:30 PM
Max. Marks : 60

N.B :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

Q.1 Define a project. How are projects different from operations? Elaborate the significance of project management. (10)

OR

Q.1 Justify the statement "If you are managing a project, you are working with the triple constraints too" (10)

Q.2 Why is project planning important? Elaborate the components of a project plan? (10)

OR

Q.2 Assess the term "project environment" with elaborate comparison between internal and external environment, with reference to a project. (10)

Q.3 What is concurrent engineering? Discuss its key elements and advantages in detail. (10)

OR

Q.3 Compare bottom-up vs. top-down budgeting approaches. What are the deciding factors for choosing a particular budgeting approach out of these two? (10)

Q.4 What are the key principles behind Goldratt's Critical Chain? How does it address the common challenges in project scheduling? (10)

OR

Q.4 Assess the effective contribution of risk management towards the success of projects. Discuss components of a risk register with example. (10)

Q.5 What are the implications of a "dynamic project environment"? Explore key principles and strategies for managing terms in such projects. (10)

OR

Q.5 Articulate the measures used to assess project performance in the earned value management technique. (10)

Q.6 Discuss the key components that should be included in an effective comprehensive project report. (10)

OR

Q.6 Illustrate the key steps involved in orderly project closure, including criteria for determining project completion and stakeholder communication. (10)

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