

BACHELOR OF TECHNOLOGY (CBCS) (2021-COURSE)
B. Tech. Sem - VIII Computer Science & Business Systems : SUMMER : 2025
SUBJECT: ITC-VI: IT PROJECT MANAGEMENT

Day : Monday
Date : 02/06/2025

S-24210-2025

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

N. B.

- 1) All questions **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Assume suitable data **WHEREVER** necessary

Q. 1 Explain the role of stakeholder analysis in project management. How does identifying and understanding stakeholder needs and concerns affect project feasibility? (10)

OR

Q. 1 Describe different methods for identifying potential projects within an organization. What are the key criteria to consider when selecting a project for further analysis? (10)

Q. 2 Explain the difference between project scheduling and project planning. What are the key steps involved in each process? (10)

OR

Q. 2 Compare and contrast PERT and CPM on the basis of their assumptions, limitations, and suitability for different types of projects. (10)

Q. 3 Explain the importance of resource scheduling in project management. What are the key challenges associated with effectively scheduling resources across multiple projects? (10)

OR

Q. 3 Describe the concept of resource levelling and its benefits for optimizing resource utilization and mitigating resource overload. (10)

Q. 4 What are the core values and principles of the Feature Driven Development (FDD) methodology? (10)

OR

Q. 4 Explain the role of risk analysis in project management and list three techniques used to identify and assess potential risks (10)

Q. 5 What are the key deliverables of a Sprint? How do they measure the success of a Sprint? (10)

OR

Q. 5 What are the key qualities and skills required for each role in Scrum? (10)

Q. 6 Discuss the key components of a DevOps toolchain and their individual functionalities. (10)

OR

Q. 6 Discuss the importance of automation and best practices for managing build pipelines in DevOps. (10)

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