

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

Day : Monday
Date : 01/12/2025

W-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 Define the five main types of feasibility studies explain how each contributes to understanding a project's viability. (10)

OR

Q. 1 Describe different types of contingency plans and how they can mitigate project risks. (10)

Q. 2 Explain the role of project scheduling software in managing complex projects (10)

OR

Q. 2 Discuss the concept of crashing an activity to reduce project duration. What are the limitations of this approach? (10)

Q. 3 Describe the concept of "cost baseline" in project cost control. How is it used in conjunction with PERT/Cost analysis? (10)

OR

Q. 3 How can you leverage risk management techniques to ensure cost control within your project budget. ? (10)

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

OR

Q. 4 Compare and contrast the Crystal family of Agile methodologies. (10)

Q. 5 What are the potential benefits and challenges of combining Lean and Scrum methodologies? (10)

OR

Q. 5 Explain the purpose of a Sprint Review and a Sprint Retrospective (10)

Q. 6 Explain how test-driven development (TDD) promotes robust software quality. (10)

OR

Q. 6 How does Docker work? Briefly describe the key components of a Docker image and container. (10)

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