

(5)

BE SEM VIII (choice based) Summer 2026 CMPN

(3 Hours)

[Total Marks:80]

1315126

N.B. 1) Question No. 1 is compulsory.

2) Attempt any three questions from the remaining questions.

3) Figures to right indicates full marks.

4) Assume suitable data, if necessary.

- Q1. Answer any Four.** 20
- Explain matrix organization structure with examples.
 - What is team dynamics in project management?
 - Describe the role of Project Management Information System.
 - Discuss the concept of project crashing.
 - Explain the steps involved in conducting a project audit.
 - Discuss the common challenges faced in multicultural and virtual projects.
- Q.2** 10
- Illustrate the stage gate process and its significance in project management. 10
 - A project requires an initial investment of Rs. 150,000 and is expected to generate annual cash inflows of Rs. 50,000 for 4 years. The required rate of return is 10% per annum. Calculate the Net Present Value (NPV) of the project. Comment on feasibility of project.
- Q.3** 10
- Differentiate top down and bottom up budgeting methods with advantages and disadvantages. 10
 - Explain project stakeholders and their importance in project management. Also discuss the communication plan and its role in effective project execution.
- Q.4** 10
- Explain negotiation and conflict resolution in real-life project management situations with suitable examples. 10
 - Describe the four stages of team development and growth with example.
- Q.5** 10
- Summarize contracting and outsourcing with their importance in project success. 10
 - Describe the various risk response strategies for handling negative risks (threats) and positive risks (opportunities) in project management.
- Q.6** 05
- Differentiate between PERT and CPM with examples. 05
 - A consulting project has an actual cost of Rs. 92,000, scheduled cost of Rs. 1,00,000 and the value of completed work is Rs. 96,000. Determine the Schedule Variance (SV) and Cost Variance (CV). Also find SPI and CPI.
 - What are the non-technical reasons for project termination? Explain the different types of project termination methods. 10