

(FOR THE CANDIDATES ADMITTED

SUBJECT CODE **23 UCT 6E5**

DURING THE ACADEMIC YEAR 2023-24 ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY– 2026

B.Sc. – COMPUTER TECHNOLOGY

MAXIMUM MARKS: 75

VI SEMESTER

TIME : 3 HOURS

PART – III

SOFTWARE PROJECT MANAGEMENT

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.

(K1)

1. Why is software project management important?
 - a) To increase coding errors
 - b) To plan, organize, and control software projects efficiently
 - c) To eliminate the need for documentation
 - d) To avoid using resources
2. Which model combines iterative development with risk analysis?
 - a) Waterfall
 - b) RAD
 - c) Spiral
 - d) Incremental
3. Which estimation technique relies on experience and intuition?
 - a) Function point analysis
 - b) COCOMO
 - c) Expert judgement
 - d) Algorithmic model
4. What is risk in software project management?
 - a) A completed task
 - b) A guaranteed problem
 - c) An uncertain event with potential loss
 - d) A project objective
5. What is the primary purpose of monitoring in software projects?
 - a) Writing code
 - b) Tracking progress against plans
 - c) Hiring team members
 - d) Testing software

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.

(K2)

6. Define a project.
7. Explain Step 0 in project planning.
8. Interpret software effort estimation
9. Illustrate a framework for dealing with risk.
10. Differentiate control from monitoring in project management.

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)

11. a) Describe the activities covered by Software Project Management Plans (SPMP).

(OR)

- b) Compare Traditional and Modern Project Management Practices.

(CONTD 2)

12. a) Illustrate the Waterfall Model.
(OR)
b) Explain RAD (Rapid Application Development).
13. a) Examine different Software Effort Estimation Techniques.
(OR)
b) Describe Activity Planning.
14. a) Apply the concept of risk and its categories in a software project scenario.
(OR)
b) Apply risk planning techniques to control project risks.
15. a) Describe the concept of Monitoring and Control in software projects.
(OR)
b) List the key activities in Managing People in software projects.

SECTION – C (5 X 8 = 40 MARKS)
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.
(K4 (Or) K5)

16. a) Analyze Methods and Methodologies in Software Project Management.
(OR)
b) Examine Management and Management Control.
17. a) Classify Software Prototyping and Incremental Delivery.
(OR)
b) Compare Agile Methods with reference to XP and Scrum.
18. a) Contrast Bottom-Up Estimating and Top-Down Approach.
(OR)
b) Investigate the COCOMO Model.
19. a) Apply risk identification and assessment in a project scenario.
(OR)
b) Determine the use of the PERT technique for project scheduling.
20. a) Analyze the importance of Managing People in Software Environments.
(OR)
b) Investigate the link between Monitoring, Control, and People Management in software projects.
