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Total No. of Pages : 02

Total No. of Questions : 09

**B.Tech. (CSE) (Sem.-6)**  
**SOFTWARE PROJECT MANAGEMENT**

Subject Code : BTCS-614-18

M.Code : 79255

Date of Examination : 02-01-23

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Define the following terms :**

- a) Feasibility Assessment
- b) Critical path
- c) Risk identification
- d) Putnam equation
- e) Hazard Identification
- f) Gantt Chart
- g) Cash flow forecasting
- h) Software Reliability
- i) Black Box Testing
- j) Software Reliability.

## **SECTION-B**

2. Explain the need of planning & monitoring in SPM.
3. What are various non-functional requirements?
4. Explain cost evaluation Techniques.
5. What are the various types of risks that need to identify in Software development?
6. What are different processes involved in software configuration management? Explain.

## **SECTION-C**

7. Explain PERT and Monte Carlo Simulation techniques.
8. What is the role of organization and team structures in quality assurance of software? Explain.
9. Compare and explain CMMI and ISO models.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**