

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Software Engineering) (Sem.-6)
SOFTWARE PROJECT MANAGEMENT

Subject Code : BTCS-614-18

M.Code : 92025

Date of Examination : 09-07-22

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. Write briefly :

- a) What is a software process model?
- b) How effective are schedule compression techniques?
- c) How does Monte Carlo simulation technique work?
- d) What do you understand by risk management in SPM?
- e) How would you estimate cost of a project?
- f) What do you mean by organizational structure?
- g) What are elements of planning approach?
- h) What is meant by risk evaluation?
- i) What is performed in project termination process?
- j) How is health and safety taken care of in SPM?

SECTION-B

2. Differentiate ISO and CMMI models.
3. Write down and explain typical terms of contract.
4. What do you mean by Critical Path analysis (CPA)? Write down major steps of CPA.
5. Explain Putman's equation by explaining each of its term in detail.
6. Write down the need and features of FVA.

SECTION-C

7. Elaborate stepwise project planning in detail with comprehensive diagram.
8. Why software testing is important and what are its best practices? Elaborate various types of software testing.
9. Why do we need Software Configuration Management (SCM)? Elaborate tasks in SCM in detail.

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.