

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Information Technology) (Sem.-7, 8)

**SOFTWARE PROJECT MANAGEMENT**

Subject Code : BTIT702-18

M.Code : 90550

Date of Examination : 20-05-2023

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 are the disadvantages of Spiral Model?
- b. Define COCOMO<sub>2</sub> model.
- c. What is meant by cost flow forecasting?
- d. Define Monte Carlo simulation.
- e. What is Project Sequencing?
- f. What is Software Quality Assurance Plan?
- g. Discuss behavior analysis.
- h. Discuss Hackman & Oldham's Job Characteristics Model.
- i. What are the benefits of test automation?
- j. Write a short note on Software Reliability.

## SECTION-B

2. What are the steps in cost-benefit analysis? Discuss the cost-benefit evaluation techniques.
3. Define following :
  - a. Impact of Stress, Health and Safety on organizational structure.
  - b. Nature and Types of Risk Management.
4. Illustrate the PERT method for identifying the critical path of project.
5. Distinguish between CMMI and ISO models.
6. What are the types of Contracts and its stages?

## SECTION-C

7. Write in detail the monitoring and control of software project management cycle. Discuss the various project reviewing techniques.
8. What are the criteria's for selecting the right person for the Job in Software Company?
9. Explain the different approaches for Project Management. Give the overview of any one tool for Project Management.

**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.**