

#### Unit IV

7. (a) Explain the example how Risk matrix can be used to prioritize the test cases ? 7
- (b) Discuss any *two* methods of integration testing with suitable examples. 8
8. (a) Explain the differences between a quality circle and a review group. 10
- (b) Write any *five* features of MS-Project. 5

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Roll No. ....

**18H2**

**B.Tech. EXAMINATION, 2022**

(Eighth Semester)

(C Scheme) (Main & Re-appear)

(CSE)

CSE404C

SOFTWARE PROJECT MANAGEMENT

*Time : 3 Hours]*

*[Maximum Marks : 75*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

### Unit I

1. How software projects are different from other projects ? List and explain any *five* activities covered by SPM. **15**
2. List the different types of resources required during a software project. Write and explain the activities involved in the stepwise planning of a software project. **15**

### Unit II

3. (a) Briefly describe the Monte Carlo simulation approach for risk profiling of an activity. **8**  
(b) What do you mean by software prototyping ? Discuss different types of prototypes. **7**

4. What are the different types of risks associated with a software project ? List and explain the different steps involved in the planning for dealing with risks. **15**

### Unit III

5. List the advantages of using PERT technique over CPM. Also explain the following w.r.t. PERT : **15**
  - (a) Activity standard deviation
  - (b) Calculation of z-values
  - (c) Conversion of z-values to probabilities.
6. (a) What are different types of contracts ? Describe any *seven* typical terms of any contract. **10**  
(b) Explain the “Expectancy theory of motivation”. **5**