

Roll No. ....

Total No. of Pages : 2

Total No. of Questions : 09

**B.Tech. (IT) (Sem.-7/8)**

**SOFTWARE PROJECT MANAGEMENT**

**Subject Code : IT-408**

**Paper ID : [A0535]**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTION TO CANDIDATES :**

- 1. SECTION-A is COMPULSORY.**
- 2. Attempt any FOUR questions from SECTION-B.**
- 3. Attempt any TWO questions from SECTION-C.**

**SECTION-A**

**(10 × 2 = 20 Marks)**

1. Write briefly :

- What is Software Engineering Problem?
- What do you mean by Risk Analysis?
- Differentiate between Error and Failure.
- What is Project Scheduling?
- What is Project Scope Management?
- What is the difference between Verification and Validation?
- What are ISO 9002 standards for Software?
- Define CMM levels for Software Quality Assurance.
- What is the function of test and evaluation team?
- Can a program be correct and still not reliable? Explain.

**SECTION-B**

**(4 × 5 = 20 Marks)**

2. Explain why a high quality software process should lead to high quality software products. Discuss different problems involved with this system of quality management.

3. Explain about the different phases of software development life cycle (SDLC) demonstrating an analogy between a house and software.
4. What do you mean by technical communication involved for the project development? Justify your answer.
5. What are the stages involved in the review of a software design ?
6. Write short notes on :
  - (a) ISO 9003
  - (b) IEEE

**SECTION-C**

**(2 × 10 = 20 Marks)**

7. How the Product Integrity can be maintained? Explain Organization Structure for Configuration Management.
8. Discuss Software Technical Reviews and Software Quality Assurance Plans.
9. Write Short note on:
  - (a) Software Project Management
  - (b) Software Project Economics