

BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY

QUESTION BANK

Unit Test-I (Shift:-I & II)

Program: - CM4I/IF4I

Semester: - IV

Course: - Software Engineering(22413)

- CHAPTER-1(CO1)

2 MARKS

1. Define the terms i) Software ii) Software Engineering.
2. Give any two advantages of RAD model.
3. Explain any two characteristics of Software.
4. Explain the term Extreme Programming.
5. Explain the term SCRUM.

4 MARKS

1. Explain Software Engineering as a Layered Approach.
2. Explain Spiral Model with neat diagram.
3. Explain Waterfall Model with neat diagram.
4. Differentiate between Waterfall Model and Incremental Model
5. Explain Agile Software Development with Merits and De-Merits

CHAPTER-2(CO2)

2 MARKS

1. Enlist core principles of software engineering practice.
2. Explain following terms with reference to requirement engineering i) Inception ii) Elicitation.
3. List any four Software Deployment Principles.
4. What is Software Coding? State three principles of code validation.

4 MARKS

1. Briefly describe the principles of communication.
2. Explain the general format of Software Requirement Specification (SRS).
3. Explain Functional and Non-Functional requirements of the software.
4. Explain the terms Requirement i) Negotiation ii) Validation
5. What is use case? Draw use case diagram for Railway Ticket Reservation System.

CHAPTER-3 (CO3)

2 MARKS

1. Define the term Entity.
2. Explain Data Object and Data Attributes.

4 MARKS

1. Explain Cardinality and Modality with example.
2. Draw DFD Level 0 and DFD Level 1 for Hotel Management System.
3. Explain the translation of Analysis Model in to Design Model with neat diagram
4. Explain Analysis Modeling with neat diagram.