



SNS COLLEGE OF ENGINEERING

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Accredited by NAAC-UGC with 'A' Grade



Approved by AICTE & Affiliated to Anna University, Chennai

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

23ITT203 OBJECT ORIENTED SOFTWARE ENGINEERING

UNIT –I MCQ

Introduction to Software Engineering, Software Process, Perspective and Specialized Process Models –Introduction to Agility-Agile process-Extreme programming-XP Process-Case Study.

1. Software Process

Q1. Which of the following is NOT a phase of the traditional software development life cycle (SDLC)?

- a) Requirement Analysis
- b) Implementation
- c) Hacking
- d) Maintenance

✓ **Answer:** c) Hacking

Q2. The Spiral Model is best suited for:

- a) Large and complex projects
- b) Small-scale projects with well-defined requirements
- c) Projects with no risk involved
- d) Projects that require no iterations

✓ **Answer:** a) Large and complex projects

Q3. What is the main advantage of Agile development?

- a) Strict documentation
- b) Flexibility in adapting to changes
- c) Follows a fixed sequence of steps
- d) Requires no customer involvement

✓ **Answer:** b) Flexibility in adapting to changes

Q4. In Agile methodology, working software is delivered:

- a) Only at the end of the project
- b) After all coding is complete
- c) Iteratively in small increments

d) After all documentation is completed

✓ **Answer:** c) Iteratively in small increments

Q5. What is the core principle of Extreme Programming (XP)?

a) Rigid documentation

b) Writing tests after coding

c) Continuous feedback and improvement

d) Developing software without user involvement

✓ **Answer:** c) Continuous feedback and improvement

Q6. In XP, which practice involves two developers writing code together at the same workstation?

a) Stand-up meeting

b) Pair programming

c) Solo coding

d) Waterfall model

✓ **Answer:** b) Pair programming

Q7. The Waterfall model is best suited for:

a) Projects with frequently changing requirements

b) Projects with well-defined and stable requirements

c) Rapidly evolving projects

d) Agile development teams

✓ **Answer:** b) Projects with well-defined and stable requirements

Q8. What is a characteristic of the Spiral Model?

a) Linear flow without iterations

b) Uses risk assessment in each phase

c) No documentation is required

d) Coding starts before planning

✓ **Answer:** b) Uses risk assessment in each phase

Q9. Which of the following is NOT an Agile methodology?

a) Scrum

b) Extreme Programming (XP)

c) V-Model

d) Kanban

✓ **Answer:** c) V-Model

Q10. In Agile development, which of the following best describes a user story?

a) A detailed technical specification document

b) A brief description of a feature from the end-user's perspective

c) A lengthy project report

d) A list of test cases

✓ **Answer:** b) A brief description of a feature from the end-user's perspective