

# 37 Lecture - CS504

## Important Mcqs

1. What is the primary goal of software development?

- a) Creating test cases
- b) Designing user interfaces
- c) Crafting functional code
- d) Analyzing user feedback

**Answer: c) Crafting functional code**

2. What is the primary goal of software testing?

- a) Identifying and fixing bugs
- b) Writing new features
- c) Optimizing database queries
- d) Documenting software requirements

**Answer: a) Identifying and fixing bugs**

3. Which phase comes first in the software development life cycle?

- a) Testing
- b) Deployment
- c) Requirements gathering
- d) Maintenance

**Answer: c) Requirements gathering**

4. Which activity involves creating a plan to validate the software?

- a) Development
- b) Testing

- c) Documentation
- d) Project management

**Answer: b) Testing**

**5. In which phase is code executed to find defects and errors?**

- a) Development
- b) Testing
- c) Deployment
- d) Analysis

**Answer: b) Testing**

**6. What is the main focus of development?**

- a) Verifying software functionality
- b) Improving software performance
- c) Meeting user requirements
- d) Ensuring compatibility with all devices

**Answer: c) Meeting user requirements**

**7. Which of the following is an example of a testing technique?**

- a) Creating wireframes
- b) Writing user stories
- c) Conducting code reviews
- d) Executing test cases

**Answer: d) Executing test cases**

**8. What is the purpose of a test plan in the software development process?**

- a) To define the development tasks
- b) To identify potential risks
- c) To track project progress

d) To design the user interface

**Answer: b) To identify potential risks**

**9. Which team is responsible for writing unit tests in the development process?**

a) Project managers

b) Quality assurance team

c) Development team

d) User experience designers

**Answer: c) Development team**

**10. What is the objective of continuous integration in the software development lifecycle?**

a) Automating software deployment

b) Detecting integration issues early

c) Conducting user acceptance testing

d) Generating project documentation

**Answer: b) Detecting integration issues early**