# 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