# 15 Lecture - CS101

## **Important Mcqs**

## 1. What is software engineering?

- A. The process of building hardware systems
- B. The process of building software systems
- C. The process of building both hardware and software systems

**Answer: B** 

## 2. What is the first phase of the software development process?

- A. Design
- B. Testing
- C. Requirements gathering

**Answer: C** 

## 3. What is software implementation?

- A. The process of gathering requirements
- B. The process of designing the software
- C. The process of writing the code that makes up the software system

**Answer: C** 

## 4. What is software testing?

- A. The process of verifying that the software system works as expected
- B. The process of writing the code that makes up the software system
- C. The process of gathering requirements

Answer: A

#### 5. What is software maintenance?

- A. The process of making changes and updates to the software system over time
- B. The process of gathering requirements
- C. The process of designing the software

Answer: A

## 6. What are the phases of the software development process?

- A. Requirements gathering, design, implementation, testing, and maintenance
- B. Design, implementation, testing, and maintenance
- C. Implementation, testing, and maintenance

Answer: A

## 7. What is project management in software engineering?

- A. The process of writing the code that makes up the software system
- B. The process of managing resources to achieve specific goals in software development
- C. The process of verifying that the software system works as expected

**Answer: B** 

## 8. What is software design?

- A. The process of gathering requirements
- B. The process of verifying that the software system works as expected
- C. The process of defining the architecture of the software

**Answer: C** 

## 9. What are some important soft skills for software engineers?

- A. Communication, teamwork, and problem-solving
- B. Writing, reading, and arithmetic
- C. Speaking, listening and typing

Answer: A

## 10. What is quality assurance in software engineering?

- A. The process of ensuring that the software system meets the specified requirements and is free from defects
- B. The process of gathering requirements
- C. The process of managing resources to achieve specific goals in software development

Answer: A