

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