

**UNIT-1**

1. (A) Explain different phases in software development life cycle. [7 Marks;CO1; Understand]
- (B) Discuss about the issues/problems in OOSE. [7 Marks;CO1;Understand]

**(OR)**

2. (A) Explain the Characteristics of Software that make it separable to hardware. [7 Marks;CO1;Understand]
- (B) Write in detail about prototype model. [7 Marks;CO1; Understand]

**UNIT-2**

3. (A) Write a short note on Object Behavior Model. [7 Marks;CO2; Understand]
- (B) Discuss the Pros and Cons of Object Relationship model. [7 Marks;CO2;Understand]

**(OR)**

4. (A) List the components of Object-Oriented Analysis and Design. [7 Marks;CO2; Understand]
- (B) How to characterize a Good Software Design? Explain. [7 Marks;CO2;Understand]

**UNIT-3**

5. (A) Analyze the differences between Black box testing techniques and White box testing techniques. [7 Marks;CO3; Analyze]
- (B) How OOP helps in Implementation and Testing process. [7 Marks;CO3;Apply]

**(OR)**

6. (A) What do you understand by Verification Testing? When to use Verification Testing? And write the advantages of it. [7 Marks;CO3; Understand]
- (B) How a software being tested? Explain the process with a neat sketch. [7 Marks;CO3;Understand]

**UNIT-4**

7. (A) Describe the various metrics for Object Oriented projects. [7 Marks;CO4;Understand]
- (B) Explain size oriented metrics in software engineering. [7 Marks;CO4;Understand]

**(OR)**

8. (A) Identify and analyze the differences between object-oriented design model metrics and class-oriented metrics. [7 Marks;CO4; Analyze]
- (B) Describe the various metrics for object-oriented testing. [7 Marks;CO4;Understand]

**UNIT-5**

9. (A) What are the advantages of Computer Aided Software Engineering (CASE)? [7 Marks;CO5; Understand]
- (B) Write the significance of CASE tools in software engineeringg. [7 Marks;CO5;Understand]

**(OR)**

10. (A) Describe the Characteristics of CASE Tools. [7 Marks;CO5;Understand]
- (B) Difference between Software Engineering and Computer Engineering. [7 Marks;CO5;Understand]

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