

(2)

Unit-II

2. (a) What is UML and its need ? Name basic building blocks of UML.
- (b) What are the components of a use case diagram ? Explain the usage with the help of an example.
- (c) Explain inception, elaboration, construction and transition phases of Development process.

Unit-III

3. (a) What do you mean by 'Noun phrase' approach for identifying classes ? Explain in detail.
- (b) Write short notes on the following :
 - (i) Activity diagram
 - (ii) Domain analysis
- (c) Explain Association and Link relationships.

Unit-IV

4. (a) What do you understand by Class diagram ? Explain with a suitable example.
- (b) What are the steps to translate Analysis concept into design ?
- (c) Describe the term 'Controls and Security' in Design phases.

(3)

Unit-V

5. (a) What do you mean by Reusability in terms of Design phase? Explain with an example.
- (b) Explain Object oriented database management system.
- (c) Write short notes on the following :
- (i) Checking completeness and correctness
 - (ii) Testing business process
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