

[A-3]

SARDAR PATEL UNIVERSITY
BBA (ITM) SEM-VII EXAMINATION 2016
(UM07CBBI02) OBJECT ORIENTED ANALYSIS AND DESIGN

Time: 10:00 a.m. to 12:00 p.m.

Date: 30/11/2016

Total Marks: 60

- Q.1(A) What do you mean by **Algorithmic Decomposition** and **Object Oriented Decomposition**? [07]
- (B) Explain **Evolution of Object Model** in brief. [08]
- OR
- Q.1(A) What is **Abstraction**? Write a short note on **Role of Abstraction**. [07]
- (B) Why Software is **Inherently Complex**? Explain. [08]
- Q.2(A) Discuss in detail **OOP, OOA** and **OOD**. [07]
- (B) Discuss the terms '**STATE**', '**BEHAVIOUR**' and '**IDENTITY**' in context of **Nature of Object**. [08]
- OR
- Q.2(A) List out seven **Elements of Object Model**. Discuss one major and one minor element. [07]
- (B) Discuss the terms '**LINK**' and '**AGGREGATION**' in context of **Relationship among Object**. [08]
- Q.3(A) Explain in detail **Nature of Class**. [07]
- (B) Write a detail note on **ULM**. [08]
- OR
- Q.3(A) Explain in detail **Relationship among Classes**. [07]
- (B) Write a detail note on **Package Diagram**. [08]
- Q.4 Explain in detail with proper example **Class diagram**. [15]
- OR
- Q.4(A) Explain in detail with proper example **Sequence diagram**. [07]
- (B) Explain in detail with proper example **Activity diagram**. [08]
