[2 Ɛ A-5] **SARDAR PATEL UNIVERSITY**
BBA (ITM) (Honours) Examination, Semester – VII (CBCS)
Object Oriented Analysis and Design
UM07CBBI02

Date: Thursday 23rd November, 2017
Time: 10:00 a.m. to 12:00 p.m.   **Total Marks: 60**

Q – 1   [A]   Define: Software Complexity and Explain Complexity of   [10]
following systems in detail.
    a) The Structure of Personal Computer
    b) The Structure of Plants and Animals

     [B]   Explain Evolution of Object Model in brief.   [05]

OR

Q – 1   [A]   Explain Attributes of Complex System in detail.   [10]
     [B]   Write a note on: Role of Decomposition   [05]

Q – 2   [A]   Explain following in detail.   [10]
    a) Object Oriented Analysis
    b) Object Oriented Design

     [B]   Write a note in brief: Nature of an Object   [05]

OR

Q – 2   [A]   Explain Elements of Object Model in detail.   [10]
     [B]   Write a note in brief: Relationship among Object   [05]

Q – 3   Explain Relationship among Classes in detail   [15]

OR

Q – 3   [A]   Explain Component Diagram in detail.   [10]
     [B]   Explain Unified Modeling Language in brief.   [05]

Q – 4   [A]   Explain Class Diagram in detail.   [10]
     [B]   Explain Deployment Diagram in brief.   [05]

OR

Q – 4   [A]   Explain Activity Diagram in detail.   [10]
     [B]   Explain Use Case Diagram in brief.   [05]

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