

**M.B.A. (IT) SEM- III (2012 COURSE)(CHOICE BASED
CREDIT SYSTEM) : WINTER - 2017**
SUBJECT : ELECTIVE – IV: OBJECT ORIENTED ANALYSIS & DESIGN

Day : **Wednesday**
Date : **20/12/2017**

W-2017-1851

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 100

N.B.:

- 1) Attempt **ANY FOUR** questions from Section – I and attempt **ANY TWO** questions from Section – II.
- 2) Answer to both the **SECTION** should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Define object modeling. List and explain its benefits. **[15]**
- Q.2** Illustrate RUP as software development model. Describe its stages. **[15]**
- Q.3** Illustrate role of Use-Cases in system analysis using object oriented modeling. **[15]**
- Q.4** Describe the following terms: **[15]**
- a) Class Association and Generalization
 - b) Package
- Q.5** What is behavioural modeling? Illustrate role of collaboration diagram in it. **[15]**
- Q.6** Write short notes on **ANY THREE** of the following: **[15]**
- a) Object interoperability
 - b) Polymorphism
 - c) Component and Deployment diagram
 - d) Interface

SECTION – II

- Q.7** Describe the recruitment process carried out by a company. List and specify objects participating in it. Also draw a class diagram for same. **[20]**
- Q.8** A passenger want to travel by train. Describe the process of booking and canceling of railway ticket. Draw sequence diagram for same. **[20]**
- Q.9** Illustrate the role of state chart diagram in dynamic modeling with example. **[20]**

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