NOVEMBER/DECEMBER 2019

MCS15A — OBJECT ORIENTED ANALYSIS AND DESIGN

Time : Three hours   Maximum : 75 marks

SECTION A — (5 × 6 = 30 marks)

Answer ALL questions.

All questions carry equal marks.

1. (a)   What is meant by 'Objectory'?

Or

(b)   Describe the diagrams used in Booch methodology.

2. (a)   Describe the object relationships.

Or

(b)   Write the guidelines for effective documentation.

3. (a)   What are coupling and cohesion?

Or

(b)   Write the various database models.

4. (a)   Describe the guidelines for designing forms and dialog boxes.

Or

(b)   Explain the ways and means of using colors and fonts in designing of windows.

5. (a)   What is the impact of object orientation on testing?

Or

(b)   Distinguish between top-down and bottom-up testing.

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6.   Elaborate in Runtaugh et al's object modeling.

7.   Explain the unified approach of use case driven OOA.

8.   Discuss the object oriented design axioms.

9.   Write the rules for designing user interfaces.

10.   Explain 'user satisfaction test'.