

NOVEMBER/DECEMBER 2018

**MCS15A — OBJECT ORIENTED ANALYSIS  
AND DESIGN**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) What are the quality measures for system evaluation?

Or

- (b) What is 'objectory'?

2. (a) Write the guidelines for developing effective documentation.

Or

- (b) What are the approaches for identifying classes?

3. (a) Distinguish between coupling and cohesion.

Or

- (b) What are database models? Write the different models.

4. (a) Write UI design rules.

Or

- (b) Describe the process of designing view layer classes.

5. (a) Distinguish between Top – Down and bottom up testing.

Or

- (b) What is meant by 'successful testing'?

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions.

6. Discuss the three object oriented methodologies.
7. Explain the process of object relationships, attributes and methods identification.
8. Write a note on the following :
- (a) Client – sever computing
  - (b) CORBA
  - (c) ODBC

9. Discuss the guidelines of designing various view layer interfaces.

10. Discuss the different testing strategies.