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**CODE NO:- Z-241**

**FACULTY OF ENGINEERING AND TECHNOLOGY**

**B.E (CSE/IT) Examination - June – 2015**

**EL-I Object Oriented Analysis & Design**

**(Old)**

[Time: Three Hours]

[Max. Marks: 100]

“Please check whether you have got the right question paper.”

**N.B**

- i) Solve any three questions from each section
- i) Figures to the right indicate full marks.
- ii) Assume suitable data wherever required.

**SECTION-A**

- |     |   |    |
|-----|---|----|
| Q.1 | a) What are the minor elements of object model? Explain in detail.    | 08 |
|     | b) State & explain the major attributes of complex system.            | 08 |
| Q.2 | a) What is the active object? How do they relate to concurrency?      | 08 |
|     | b) Discuss the importance of proper classification.                   | 08 |
| Q.3 | a) What is a class and explain different relationships among classes. | 08 |
|     | b) What is the desired behavior of the system?                        | 08 |
| Q.4 | a) Explain relationships between classes and objects.                 | 08 |
|     | b) Explain intersection diagram with suitable example.                | 08 |
| Q.5 | Write short notes on <u>any three</u>                                 | 18 |
|     | a) CRS card   |    |
|     | b) Analysis methods in object oriented                                |    |
|     | c) Bringing order to chaos  |    |
|     | d) Module diagram   |    |
|     | e) Role of abstraction  |    |

**SECTION -B**

- |      |   |    |
|------|---|----|
| Q.6  | a) Explain the use case diagram for library management system.            | 08 |
|      | b) Explain class diagram with all notation for college management system. | 08 |
| Q.7  | a) Explain release management in detail.                                  | 08 |
|      | b) Explain Quality assurance in object oriented project development.      | 08 |
| Q.8  | a) What are the major disciplines of the mano- process? Explain it.       | 08 |
|      | b) Explain benefits and risks of object oriented development.             | 08 |
| Q.9  | a) Explain weather monitoring system hardware.                            | 08 |
|      | b) Defining the boundaries of the problem.                                | 08 |
| Q.10 | Write short notes on <u>any three</u>                                     | 18 |
|      | a) State transition diagram   |    |
|      | b) Staffing   |    |
|      | c) Inventory tracking   |    |
|      | d) Data requisition   |    |
|      | e) Traffic management.  |    |