Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 65013

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2013.

Seventh Semester

Software Engineering

XSE 472 – OBJECT ORIENTED SOFTWARE ENGINEERING

(Regulation 2003)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Brief about software engineering development activities.

2. Define encapsulation.

3. What is meant by modeling?

4. Define requirements model.

5. What do you mean by analysis?

6. Brief about non-functional requirements.

7. List the components used for construction.

8. What are the products expected in system design?

9. Write about real time systems.

10. What are the purposes of unit testing?

PART B — (5 × 16 = 80 marks)

11. (a) Explain in detail about system life cycle.   (16)

Or

(b) Discuss the important features of object oriented programming.   (16)

12. (a) Explain model building with sample application.   (16)

Or

(b) Describe about structure analysis and its difficulties. How it is overcome by object oriented analysis.   (16)

13. (a) Discuss the various features of functional model. (16)

Or

(b) Explain the about analysis requirement model. (16)

14. (a) Write short notes on following
   (i) Object behaviours (8)
   (ii) Internal block structure. (8)

Or

(b) Explain the preparation, coding and validation principles. (16)

15. (a) (i) Discuss the types of real time systems. (8)
   (ii) Illustrate design component for scheduling process. (8)

Or

(b) Write short notes on :
   (i) Unit testing (8)
   (ii) Integration testing (8)

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