

Reg. No.:

Question Paper Code: 45933

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2014.

Seventh Semester

Software Engineering

XSE 472/ 10677 SW 704 — OBJECT ORIENTED SOFTWARE ENGINEERING

(Regulation 2003 / 2010)

Time: Three hours

Maximum: 100 marks

Answer ALL questions.

$PART A - (10 \times 2 = 20 \text{ marks})$

- 1. What is meant by data hiding?
- 2. List the activities in object oriented system development.
- 3. Define traceability.
- 4. List the advantages of pattern.
- 5. Write the role of software analysis.
- 6. Distinguish functional and non-functional requirement.
- 7. Write in brief construction of component.
- 8. What are the special types of design?
- 9. List the special features of ODBMS.
- 10. Define unit testing.

PART B —
$$(5 \times 16 = 80 \text{ marks})$$

11. (a) Discuss about system life cycle.

Or

- (b) (i) Discuss the important features of object oriented programming. (8)
 - (ii) Illustrate prototyping.

(8)

Or (b) Explain the elements of analysis model with a suitable diagram. 13. (a) Discuss about domain analysis. Or (b) Explain the various techniques used for analysis requirement. 14. (a) Write short notes on following (i) Object behaviours. (ii) Internal block structure. (8) Or (b) Explain about preparation, coding and validation principles. 15. (a) (i) Discuss the types of real time systems. (ii) Illustrate design component for scheduling process. (8) Or (9) (10) (11) (11) (12) (13) (14) (15) (15) (16) (17) (17) (18) (18) (19) (19) (19) (20) (21) (21) (22) (23) (24) (25) (26) (27) (27) (28)	12.	. (a)	Explain about the models created during system development.	
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(ii) Illustrate design component for scheduling process. (8) Or	•	(b)	Explain about preparation, coding and validation principles.	•
\mathbf{Or}	15 .	(a)	(i) Discuss the types of real time systems.	(8)
Or (b) (i) Explain in detail about process. (8)			(ii) Illustrate design component for scheduling process.	(8)
(b) (i) Explain in detail about process. (8)			\mathbf{Or}	
		(b)	(i) Explain in detail about process.	(8)
(ii) Write the merits of object oriented testing. (8)	•		(ii) Write the merits of object oriented testing.	(8)

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