

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 31523

B.E. / B.Tech. DEGREE EXAMINATION, NOVEMBER 2015

Fifth Semester

Computer Science and Engineering

01UCS503 – OBJECT ORIENTED ANALYSIS AND DESIGN

(Common to Information Technology)

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. What is association?
2. What is the main difference between static and dynamic models?
3. What is cohesion?
4. What is pattern?
5. List out the steps for finding use cases.
6. Define swim lane.
7. Mention the types of layers used in object oriented system.
8. How do you represent a node in the deployment diagram? What kind of information can appear in a node?
9. Describe the approaches used for generating code from the design.
10. What are the various types of object oriented system testing?

PART - B (5 x 16 = 80 Marks)

11. (a) Briefly explain the different phases of unified process? (16)

Or

(b) List out various UML diagrams and explain the purpose of each diagram. (16)

12. (a) What is GRASP? Explain the designing objects and responsibilities in detail. (16)

Or

(b) What are design pattern? Explain creational, structural and behavioral design pattern in detail. (16)

13. (a) Explain with an example, how use case modeling is used to describe functional requirements. Identify the actors, scenarios and use cases for example. (16)

Or

(b) Explain about activity diagram with an example. (16)

14. (a) What is the use of class diagram? Explain different terms used in class diagram with example. (16)

Or

(b) What are types of UML interaction diagrams? Brief it for library management system. (16)

15. (a) Explain about class testing and integration testing. (16)

Or

(b) What is GUI testing? Explain various interface elements tested by GUI testing. (16)
