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Question Paper Code: 99811

B.E./B.Tech. DEGREE EXAMINATION, APRIL/ MAY 2025

Elective

Computer Science Engineering

19UIT911 - Building Enterprise Applications

(Regulations 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Application rollout is led by successful CO1- U
(a) unit testing (d) knowledge
(c) system testing (d) user acceptance testing
2. Enterprise analysis is typically done by. CO2- U
(a) Managers. (b) Business Architect. (c) Business Analyst (d) DBA.
3. Which one transforms the conceptual data model into a logical CO3- U
implementation?
(a) Conceptual modeling (b) Logical modeling
(c) Physical modeling (d) All of the above
4. The code artifacts are the primary target of review in the CO2- App
(a) inception phase (b) requirement phase (c) construction phase (d) design phase
5. Gray Box testing is a hybrid form of _____ CO1- U
(a) Block box testing (b) White box testing (c) Both (a) and (b) (d) None of the above

PART – B (5 x 3= 15 Marks)

6. What are the four phases in Rational Unified Process? CO1- U
7. What are the two types of Requirements? CO2- U
8. Define UML sequence diagram. CO3- U
9. What are the objectives of code review? CO4- U

10. What are the Objectives of a typical user acceptance testing? CO5- U

PART – C (5 x 16= 80Marks)

11. (a) Apply the knowledge of key factors for Developing Successful Enterprise Mobility Applications CO1- App (16)

Or

(b) Identify the enterprise applications in your domain area and categorize them. CO1- App (16)

12. (a) Build the ticket vending machine business case with appropriate planning and estimation techniques. CO2- App (16)

Or

(b) Develop the enterprise analysis and business model for Banking System. CO2- App (16)

13. (a) Make use of the building blocks of Infrastructure architecture to build your own architecture. CO3- App (16)

Or

(b) Identify a technical architecture and design of application for online banking system. CO3- App (16)

14. (a) Design and develop the business layer for Loan services. CO4- App (16)

Or

(b) Construct software construction map for Business Delegate and service process. CO4- App (16)

15. (a) Apply the appropriate technique to perform Code review and Code analysis for the enterprise application with real example. CO5- App (16)

Or

(b) Design and develop test cases for Gmail Login Page and evaluate its operations. CO5- App (16)