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Question Paper Code: 99811

B.E./B.Tech. DEGREE EXAMINATION, NOV 2023

Elective

Computer Science Engineering

19UIT911 - BUILDING ENTERPRISE APPLICATIONS

(Regulations 2019)

Duration: Three hours

Maximum: 100 Marks

Answer All Questions

PART A - (5 x 1 = 5Marks)

1. To ensure an enterprise application is ready to use, it has to pass through _____ CO1-U
(a) Testing (b) Requirements (c) Session (d) None of these
2. Tools available to create use case diagram are _____ CO1-U
(a) Rational Software (b) Visio (c) AgroUML (d) All of them
3. _____ model the real world business entities, which are in the scope of the application, and the relationships among them CO1-U
(a) Conceptual modeling (b) Logical modeling
(c) Physical modeling (d) None of these
4. The _____ structure reflects the physical organization of the units of code CO1-U
(a) Package (b) class (c) both (a) and (b) (d) none of the mentioned
5. The _____ rollout strategy is to bring up a new application environment in parallel CO1-U
(a) Brand new (b) Parallel (c) Rolling (d) None of the mentioned

PART – B (5 x 3= 15Marks)

6. Implement the designing phase for back end (downstream) for the FinTech enterprise. CO2-App
7. Identify the Generalized use case in Loan Management System. CO2-App

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|-----|-------------------------------------------------------------------------------------------------------------|---------|--|
| 8. | Construct the Loan Product entity class with attributes of product ID, product Name and Product Description | CO2-App | |
| 9. | What are the prerequisites for starting the construction phase? | CO1-U | |
| 10. | What is Little's law. | CO1-U | |

PART – C (5 x 16= 80 Marks)

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|-----|---------------------------------------------------------------------------------------------------|---------|------|
| 11. | (a) Apply agile software methodology for online Retail management system | CO2-App | (16) |
| | Or | | |
| | (b) Apply agile software methodology for Loan Management System | CO2-App | (16) |
| 12. | (a) Apply and draw all UML diagram's for Loan Management system | CO2-App | (16) |
| | Or | | |
| | (b) Apply and identify nonfunctional requirements for online retailer enterprise application. | CO2-App | (16) |
| 13. | (a) Apply technical solution eco system for LoMS. | CO2-App | (16) |
| | Or | | |
| | (b) Apply integration layer landscape for e-commerce system. | CO2-App | (16) |
| 14. | (a) Analyze static and dynamic code review for Loan Management System. | CO3-Ana | (16) |
| | Or | | |
| | (b) Design and develop test cases for State Bank of India Login Page and evaluate its operations. | CO3-Ana | (16) |
| 15. | (a) Explain in detail about performance engineering lifecycle. | CO1-U | (16) |
| | Or | | |
| | (b) Explain in detail about testing enterprise applications. | CO1-U | (16) |