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Question Paper Code: 59810

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2018

Elective

Information Technology

15UIT910- BUILDING ENTERPRISE APPLICATIONS

(Common to Computer Science and Engineering)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Which one is not an Enterprise application CO1- R
 - (a) Desktop Application
 - (b) Business Intelligence
 - (c) Supply Chain Management
 - (d) Customer Relationship Management
2. Requirements validation is an _____ process which takes place CO2- R throughout the lifecycle of the project.
 - (a) unified
 - (b) iterative
 - (c) agile
 - (d) exploratory
3. An enterprise architecture framework specifies a set of _____ and CO3- R _____ and comprises of principles, standards, guidelines, approaches, services, design concepts and models to facilitate the development of enterprise architecture?
 - (a) Data, Technology
 - (b) Logical, Enterprise
 - (c) Views, Viewpoints
 - (d) Objects, Patterns
4. Review of code from _____ Perspective is to ensure that the CO4- R code results in expected behavior.
 - (a) Functional
 - (b) Design
 - (c) Analytical
 - (d) Logical

5. _____ testing is performed to evaluate whether systems or components pass data and control correctly to one another CO5- R
- (a) Globalization testing (b) Interface testing
- (c) System testing (d) Integration testing

PART – B (5 x 3= 15Marks)

6. What is an enterprise application. CO1- R
7. List down the Steps Involved in Enterprise Analysis. CO2- R
8. Draw Logical Architecture Diagram. CO3- R
9. Explain Dynamic Code Analysis. CO4- R
10. What is penetration testing and list out its stages. CO5- R

PART – C (5 x 16= 80Marks)

11. (a) Describe an enterprise application life cycle process CO1- U (16)
- Or
- (b) (i) Describe the factors that can determine the success of an Enterprise Application. CO1- U (10)
- (ii) List any 12 Common Types of Enterprise Applications. CO1- U (6)
12. (a) Build the requirement analysis of a customer care application for admission process in an university. CO2-App (16)
- Or
- (b) Demonstrate non-functional requirements to develop a Enterprise application for a College Management System. CO2-App (16)

13. (a) Describe an Enterprise Architecture in detail. CO3-U (16)
- Or
- (b) Summarize Infrastructure Architecture and Design in detail. CO3-U (16)
14. (a) Paint out a Configuration Management Plan for an E-Recruitment Process. CO4- Ana (16)
- Or
- (b) Explain Static code analysis, Dynamic code analysis and contrast it. CO4- Ana (16)
15. (a) Design and develop different types of test cases for an automatic coffee vending machine. CO5- Ana (16)
- Or
- (b) Design and develop different types of test cases for Online shopping management system. CO5- Ana (16)

