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Question Paper Code: 59810

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2021

Elective

Computer Science and Engineering

15UIT910- BUILDING ENTERPRISE APPLICATION

(Common to Information Technology)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Customers facing enterprise applications or front-end systems of an organization is called CO1- R
(a) Upstream (b) Downstream (c) Business Enabler (d) Both a & b
2. Identification of various stakeholders across business units is done during CO2- R
(a) Business modeling (b) Requirements elicitation & analysis
(c) Requirements validation (d) Enterprise analysis
3. The target functionality which is depicted in the form of Use case models is the basis for doing CO3- R
(a) Use Case Point Estimation (b) Function Point Estimation
(c) Ballpark Estimation (d) None of the above
4. The testing in which code is checked CO4- R
(a) Black box testing (b) White box testing
(c) Red box testing (d) Green box testing
5. Which is the most vital phase of the Enterprise application life cycle? CO5-R
(a) Inception (b) designing (c) construction (d) testing

PART – B (5 x 3= 15 Marks)

6. Define enterprise application CO1- R
7. List the various Estimation Techniques CO2- R
8. Why documentation of application architecture and design is needed? CO3- R
9. Differentiate static and dynamic code analysis. CO4- R
10. List down the problems that may be faced by enterprise applications, if they are not tested properly. CO5- R

PART – C (5 x 16= 80 Marks)

11. (a) Apply the knowledge of key factors for Developing Successful Enterprise Mobility Applications CO1- App (16)
Or
(b) Design a software developing methodologies for Online Transaction system using Iterative & IBM RUP Models. 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) Build the presentation layer for banking system with designing aspects CO3- App (16)
Or
(b) Draw and demonstrate the logical architecture for Library Management system CO3- App (16)
14. (a) What are main issues that need to be resolved during setup of development environment? CO4- U (16)
Or
(b) Differentiate static and dynamic code analysis in detail. CO4-U (16)
15. (a) Build the design for online job portal and evaluate it with different testing matrix CO5- App (16)
Or
(b) Design and develop test cases for AIG Insurance Corporation Login Page and evaluate its operations CO5-App (16)