Reg. No. : | | | | | | | | | | |

Question Paper Code: 31886

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2017

Elective

Computer Science and Engineering

01UIT910 - BUILDING ENTERPRISE APPLICATIONS

(Regulation 2013)

Duration: Three hours Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. How can you express the enterprise applications in terms of their visibility to customers?
2. Give the importance of data harmonization.
3. Interpret ATM transaction process with the help of a use case diagram.
4. Describe the differences between verification and validation processes.
5. Define the terms views and viewpoints.
6. Express the architectural view of TOGAF.
7. Illustrate the objectives of code review.
8. Relate various code coverage metrics.
9. How is Little's law related to the performance of an application?
10. List the high level strategies that should be considered for rolling out enterprise applications.

PART - B (5 x 16 = 80 Marks)

11. (a) Evaluate the need for enterprise applications and their types. (16)

Or

(b) Perform SWOT analysis of any two software engineering methodologies of your choice. (16)

12. (a) Summarize the activities that should be followed during the Inception phase of the enterprise application development for a banking enterprise application. (16)

Or

(b) Discuss in detail about planning and estimation phase of an enterprise application. (16)

13. (a) Create technical architecture and design for a Hospital Management system. (16)

Or

(b) Discuss the policies for infrastructure management. (16)

14. (a) Summarize the construction process of the following solution layers:

(i) Business layer components (8)

(ii) Data access layer components (8)

Or

(b) Evaluate the measures for static and dynamic code analysis. (16)

15. (a) Describe different levels, types and methods of testing enterprise applications in different application environment with suitable examples. (16)

Or

(b) Explain the different types of system testing pointing out its importance while raising enterprise applications with suitable examples. (16)

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