Reg. No. : ☐☐☐☐☐☐☐☐☐☐

Question Paper Code: 39084

B.E. / B.Tech. DEGREE EXAMINATION, NOV 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. Define enterprise application.

2. Give the importance of data harmonization.

3. List any two non functional requirements.

4. Describe the differences between verification and validation processes.

5. Define the use of enterprise data architecture.

6. What is the role of ESB?

7. Illustrate the objectives of code review.

8. Relate various code coverage metrics.

9. Define penetration testing.

10. What is the usage of interface testing?

PART - B (5 x 16 = 80 Marks)

11. (a) Discuss in detail about the methods used to measure the success of enterprise applications. (16)

Or

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

12. (a) Analyze the concept of use case modeling for a enterprise application. (16)

Or

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

13. (a) Illustrate the usage of logical architecture for an enterprise application. (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) Explain the steps to implement a configuration management plan. (16)

15. (a) Analyze the various testing approaches for an enterprise application. (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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