



**B.TECH DEGREE EXAMINATIONS: APRIL 2015**

(Regulation 2009)

Seventh Semester

**INFORMATION TECHNOLOGY**

ITY124: Building Enterprise Applications

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. HR Management System can be considered as \_\_\_\_\_ application
  - a) Upstream
  - b) Business Enabled
  - c) Downstream
  - d) Middleware
2. Interviewing and cost justification is tool and technique of \_\_\_\_\_
  - a) refers to streamlining of standard operating procedures, eliminating obvious bottlenecks, so that automation makes operating procedures more efficient.
  - b) refers to radical redesign of business processes
  - c) refers to computerizing processes to speed up the existing tasks.
  - d) to integrate all functions across a company to a single computer system that can serve all those functions' specific needs
3. "What are the methods required to communicate between applications?". This statement is referred as \_\_\_\_\_ requirement
  - a) Interface
  - b) Operating
  - c) Performance
  - d) Lifecycle
4. A good example for uses relationship in a loan management system is \_\_\_\_\_
  - a) Initiate loan
  - b) Provide customer information
  - c) Provide credit card rating
  - d) Report generation
5. \_\_\_\_\_ framework is used for creating AJAX based views in presentation layer
  - a) DOJO
  - b) Spring MVC
  - c) JSF
  - d) Struts
6. \_\_\_\_\_ is used as a common store for user data including credentials across the enterprise
  - a) Data servers
  - b) Directory servers



22. a) Compare and contrast the business models of Google and Face book. (6)
- (OR)**
- b) Explain about requirement elicitation and analysis phase by referring banking management system as a example (8)
23. a) i) Illustrate the role of business layer and its components in an enterprise application (6)
- ii) How does a design aspect of integration layer play a vital role in developing an application (8)
- (OR)**
- b) Interpret the need various building blocks that constitute the infrastructure layer of an enterprise application (8)
24. a) i) Write a program for performing core operations of a banking management application using enterprise java beans and JSP .(Use comment lines to explain the logic) (10)
- ii) Compare and contrast EJB and Spring Framework (4)
- (OR)**
- b) Distinguish between Static code analysis and dynamic code analysis. Illustrate in detail, about the primary areas that are focused while performing static code analysis and dynamic code analysis. (8)
25. a) i) Interpret the purpose of various application environments involved to raise enterprise application (6)
- ii) Explain about performance testing and the strategies involved in rolling out enterprise application (8)
- (OR)**
- b) Discuss in detail about various system testing techniques in detail (8)

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