

Note: Objective part is compulsory. Attempt any three questions from subjective part.

Objective Part (Compulsory)

Q.1: write short answers of the following in 2-3 lines each on your answer sheet. (16*2)

1. Define Authorization.
2. Define Entity Beans.
3. Write down the features of Web-Tier technology.
4. Define Synchronous integration.
5. Illustrate Business-to-Business Scenario
6. Define System Administrator.
7. What do you know about Multitier Model?
8. Define Enterprise Beans.
9. Define Java Applets.
10. Define Servlets.
11. Define Authentication.
12. Why we use JDBC API.
13. Define EAR File.
14. Define Web Components Container.
15. What does it means by J2EE?
16. Name any two J2EE supported internet protocols.

Subjective Part (3*16)

Q. No. 2

- a) Explain challenges of Enterprise Application Development.
- b) Give a detailed description of the J2EE platform for enterprise solutions.

Q. No. 3

- a) Discuss J2EE application Scenario, in detail.
- b) Give a detailed description of J2EE components Technologies.

Q. No. 4

- a) The J2EE platform defines several distinct roles, briefly explain these roles.
- b) Explain J2EE platform service technologies, in detail.

Q. No. 5

- a) Give an overview of J2EE platform communication technologies.
- b) Every application has requirements and expectations that its clients must meet, explain clients' considerations?

Q. No. 6

- a) Explain design issues and guidelines for browser clients.
- b) Elaborate enterprise beans as J2EE business objects.