

Objective Part      Compulsory

**Q.1:** Note: Attempt all question, each question carry equal marks. (16 x 2=32)

1. What is authorization?
2. What is Session Beans?
3. What is applets in J2EE?
4. What is Java Transaction API?
5. What do you know about JSP?
6. What are multitier applications?
7. What do you know about J2EE?
8. What is Java Messaging Service?
9. What is deployment descriptors?
10. What is the purpose of web tier?
11. What is the purpose of the containers?
12. Write the names of J2EE platform services?
13. Draw the web container in a three-tier scenario diagram?
14. What kind of data formats are supported by J2EE platform?
15. How J2EE provides the benefits in a range of server choices?
16. Why J2EE is more popular among application server and EIS vendors?

Subjective Part      (12 x 4= 48)

**Q. 2:** Write on the J2EE platform Benefits.

- Integration with existing information systems
- Scalability to meet demand variations.

**Q. 3:** Write the minimum two different J2EE application scenarios?

**Q. 4:** Write in detail on J2EE platform roles?

**Q. 5:** Write on design issues and guidelines for Java Clients?

**Q. 6:** What are business logic and business objects?

**Q. 7:** Describe in detail web-tier MVC controller design.