

Enterprise JAVA

Questions Bank

Unit-1

- What is an enterprise Application? Explain architecture of an enterprise application.
- Explain Working of Servlet with help of Suitable diagram?
- Write short note on JDBC Driver. Explain its types and advantages.
- Give Brief information about JavaEE Evolution?
- What are different technologies provided by Java EE platform?
- Explain different type of containers.
- Write note on javax.servlet package and Servlet config.
- What is JDBC? Explain architecture of JDBC in Detail?
- What is Servlet and Why Servlets and What can Servlets do?
- Explain servlet life cycle with diagram?
- Explain HttpServletRequest and ServletResponse interface.
- what is java enterprise Edition?
- Explain Web Application Technologies in detail?
- What is Glassfish Server? Explain its Features in detail?
- Explain different types of System architecture of JavaEE6?
- Write a note on Java EE Server?
- write a short note on Java servlet API.
- Explain need of dynamic contents.
- Create a simple calculator application using servlet.
- Write short note on JDBC Driver. Explain its types and advantages.

Unit-2

- What is Request Dispatcher interface? How to obtain object implementing it?
- What is Cookies? Explain setting sending and reading of Cookie in java Servlet?
- Write a short note on Uploading file with java Servlet?
- Explain the working of Non-Blocking I/O?
- What is Session? Explain its types?
- Explain lifecycle of Http Session?
- Explain and list session management rules?
- Explain the methods of request Dispatcher interface?
- Difference between forward () and include () method?
- List and explain methods of cookies class and explain use of cookies?
- Write a note on Session ID and Session expiry?

- What is Non-Blocking I/O? Explain WriteListener and ReadListener performing in Non-Blocking I/O?
- Explain session tracking with servlet API.
- Explain the working of Non-Blocking I/O?
- Write a short note on Downloading file with java Servlet?
- write a program to create to servlet application to upload a file.
- write a program to create to servlet application to download a file.
- Explain the use of cookies?
- Explain in brief creation of cookie.
- List and explain important methods of cookie in java servlet?

Unit-3

- Explain life cycle of JSP with diagram.
- What are the advantages of JSP over technologies other than Servlet?
- Write a short note on JSP page directive.
- Write a short note on operators of EL.
- What is JSTL? What are its benefits over JSP Scriptlets?
- Write a short note on JSTL core tag library?
- Differentiate between servlet and JSP.
- Explain different JSP action element with example?
- Write a short note on loading java bean in JSP?
- What are different action elements used in JSP page?
- List and explain any 6 JSP Implicit objects with their methods.
- Write a JSP based application that serves the purpose of simple calculator.
- Explain different implicit object of JSP?
- Explain JSP functionality and execution?
- How to set and access the properties of java bean in JSP?
- How to format the dates and numbers using JSTL?
- Explain conditional and Iterator Actions in JSTL core tag library?
- What are advantage and disadvantages of JSTL?
- Explain different scopes of JSP objects?
- What are types of Expression available in EL?

Unit-4

- Explain lifecycle of message driven bean?
- What is EJB? Explain Benefits of Enterprise bean in detail?
- Write short note on Remote and Local Interfaces?
- What is Interceptor? What different things an interceptor can do with request?
- Write short note on JNDI?
- What are the types of Session Beans?
- What is EJB? Explain its architecture?
- Explain Enterprise bean Container in brief?
- Write detail note on type of Enterprise beans?
- Write a note on package EJB JAR and WAR Module?
- What is Session bean? What are the types of Session Beans?
- Explain EJB architecture components.
- Write a short note on Enterprise Bean Application.
- Write a short note on packaging enterprise beans.
- Explain different application of session beans.
- Explain lifecycle of stateful, Stateless and singleton session beans.
- What are uses of message driven beans?
- Explain life cycle of Interceptor?
- Write short note on Resources and JNDI?
- Explain basic lookup in JNDI?
- Explain data source resource definition in JavaEE?

Unit-5

- Write short note on Persistence of Object Oriented Models?
- What is the Relationship between JPA, ORM, Database and the application?
- State the Reasons behind using the Hibernate?
- Explain architecture of Hibernate?
- What are the Persistence Standards available in Java?
- What is Hibernate? Explain its Features in detail?
- Write short note on stored procedures and unsynchronized persistence Context?
- What is Impedance Mismatch? How it can be solved?
- Explain components of Hibernate?
- State relationship between Hibernate, database and the application with diagram?
- How JPA works?
- Explain the architecture of JPA in detail?
- Explain java Persistence API with its application?
- How Hibernate works?

