

27 Lecture - CS506

Important Mcqs

Sure, here are 10 multiple-choice questions (MCQs) related to creating a simple web application in Tomcat, along with their solutions and multiple options:

****Question 1:**** What is Tomcat primarily used for?

****Options:****

- A) Database Management
- B) Web Application Development
- C) Mobile App Development
- D) Game Development

****Solution:**** B) Web Application Development

****Question 2:**** Which directory of Tomcat is used to store web application files?

****Options:****

- A) bin
- B) conf
- C) lib
- D) webapps

****Solution:**** D) webapps

****Question 3:**** What is the main purpose of the `WEB-INF` directory in a web application?

****Options:****

- A) Storing HTML files
- B) Containing configuration files and classes
- C) Storing images and videos
- D) Managing server logs

****Solution:** B) Containing configuration files and classes**

****Question 4:** Which file is used to configure servlet mappings in a web application?**

****Options:****

- A) web.xml
- B) index.html
- C) servlet-config.xml
- D) web-config.xml

****Solution:** A) web.xml**

****Question 5:** What is the default port number for Tomcat?**

****Options:****

- A) 80
- B) 443
- C) 8080
- D) 8000

****Solution:** C) 8080**

****Question 6:** Which URL is used to access the Tomcat Manager application?**

****Options:****

- A) /manager
- B) /admin
- C) /control
- D) /console

****Solution:** A) /manager**

****Question 7:** What does the `web.xml` deployment descriptor contain?**

****Options:****

- A) HTML content of the web application
- B) Server configuration settings
- C) Servlet mappings and initialization parameters
- D) JavaScript code for client-side operations

****Solution:** C) Servlet mappings and initialization parameters**

****Question 8:** Which tag is used to define a servlet in the `web.xml` file?**

****Options:****

- A) ``<servlet-class>``
- B) ``<servlet-name>``
- C) ``<servlet>``
- D) ``<class>``

****Solution:** C) ``<servlet>``**

****Question 9:**** What is the role of the `index.html` file in a web application?

****Options:****

- A) It defines the servlet classes
- B) It manages user sessions
- C) It provides the homepage of the application
- D) It handles HTTP requests

****Solution:**** C) It provides the homepage of the application

****Question 10:**** Which URL is used to access a servlet deployed in Tomcat?

****Options:****

- A) /servlets/MyServlet
- B) /webapps/MyServlet
- C) /MyServlet
- D) /apps/MyServlet

****Solution:**** C) /MyServlet