

### **Unit-3**

### **Servlet Technology**

<b>No</b>	<b>Questions</b>	<b>Marks</b>	<b>year</b>
1	Design a form to input details of an employee and submit the data to a servlet. Write code for servlet that will save the entered details as a new record in database table Employee with fields (EmpId, EName, Email, Age).	7	S-2017
2	Explain use of ServletConfig and ServletContext object with example.	4	S-2017
3	Write a servlet that redirect requests alternatively to JSP Pages named Odd and Even.	3	S-2017
4	What is Request Dispatcher? What is the difference between Request dispatcher's forward() and include() method?	4	S-2017
5	Explain various Session tracking mechanisms in servlet with example.	7	S-2017
6	What is session? List the different ways to manage the session.	3	W-2017
7	Discuss the possible uses of the ServletContext and ServletConfig object.	4	W-2017
8	Write a servlet RegistrationServlet to get the values from registration.html html page and display the contents. Write the web.xml file.	7	W-2017
9	What is Filter? List the applications of filter.	3	W-2017
10	Briefly explain the Servlet life cycle.	4	W-2017
11	Write a Login servlet. Take input username and password from html file login.html and authenticate the user. Write the web.xml.	7	W-2017
12	Servlet is Java class. Then why there is no constructor in Servlet? Can we write the constructor in Servlet? Justify your answer.	1	S-2016

13	Write small web application which takes marks of three subject and pass to servlet. Servlet forward to model class having method getClass() and getPercentage(). Display class and percentage in .jsp page.	7	S-2016
14	Differentiate the followings: (Any Three) (I) GenericServlet vs HttpServlet (II) doGet() vs doPost() (III) Servlets vs CGI (IV) Session and Cookie (V) JSP vs Servlet	7	S-2016
15	What is filter? What is its use? List different filter interfaces with their important methods.	7	W-2016
16	Explain Request and Response object in Servlet.	7	W-2016
17	Write a Java Servlet to demonstrate the use of Session Management.	7	W-2016
18	Explain Servlet Life Cycle with example to demonstrate every state.	7	S-2015
19	What is filter? What is its use? List the different filter interfaces with their important methods.	7	S-2015
20	Draw and explain life cycle of the servlet	7	S-2014
21	Explain Request and Response object in Servlet	7	S-2014
22	Write a servlet which accept two numbers using POST methods and display the maximum of them.	7	W-2014
23	Describe the servlet life cycle with life cycle methods.	7	S-2013
24	Write a Web application using servlet to find the sum of all the digits of an input integer.	7	S-2013
25	What is doFilter() method? What are its parameters? Give its use with proper example.	7	S-2013
26	Write a web application using servlet to compute an area of a circle. Get the radius from the client. Write necessary web.xml file	7	W-2013
27	What is servlet filters? Give the necessary API for filters and explain their use.	7	W-2013
28	What is servlet configuration? Show it with example web.xml file. <b>PPT</b>	7	W-2013

29	What is filter? What is its use? List the different filter interfaces with their important methods. <b>-Repeat</b>	7	S-2012
30	Explain the servlet life cycle with life cycle methods. <b>-Repeat</b>	7	S-2012
31	What are cookies? Write a servlet that reads and prints all the previous cookies and add a cookie with your name.	7	S-2012