

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-2 EXAMINATION- 2024

B.Tech-V Semester (IT)

COURSE CODE (CREDITS): 18B11CI511 (3)

MAX. MARKS: 25

COURSE NAME: Advanced Java

COURSE INSTRUCTORS: Dr. Amol Vasudeva

MAX. TIME: 1 Hour 30 Minutes

Note:(a)All questions are compulsory.

(b) The candidate is allowed to make Suitable assumptions wherever required for solving the problems

QNo	Question	CO	Marks
Q1	Write a web application that consists of the following web page and Servlets: a) Index.html to generate a form that sends the username to the Servlet1. b) Servlet1 that retrieves the parameter and uses its value in the cookie. The cookie is sent to the client along with the response. In addition to this, Servlet1 also generates a form, which in turn sends a request to Servlet2. c) Servlet2 retrieves the cookie and displays its value.	CO-3	(1+2+2) = 5
Q2	Write a servlet to determine whether the session is new or old.	CO-3	2
Q3	Illustrate the use of forward() and include() methods of RequestDispatcher interface with a suitable example.	CO-3	5
Q4	Write a Java Bean class Employee with its properties as empid and ename . Make use of useBean, setPropety and getProperty tags in Java Server Page(JSP) file to instantiate the bean class and then set and retrieve the values from the properties.	CO-2	5
Q5	Create a JSP that uses PreparedStatement interface to insert three records into the table Student{rollnumbervarchar2, enamevarchar2} .	CO-2	5
Q6	Explain the following scriptlets in two-four sentences. a) Directive b) Declarative c) Expression	CO-3	3