

RK UNIVERSITY
School of Engineering
TCIE II (September - 2023)
Semester – 5

Date: 20-09-2023

Subject Name: Web Application Development using J2EE

Time: 1 Hour & 30 Minutes

Branch:BCA

Subject code: BCA512

Total Marks: 20


Instructions to Candidates:

1. Read the context, problem description, requirements and other details carefully and implement the solution.
2. This assessment is intended to test the hands on skills related J2EE Programming
3. **Create a new Java Application Project to fulfill following requirements.**

Each requirement carries below mentioned marks.

REQUIREMENTS:

Modify or Create .html and .java files to reflect the following requirements

Require- ment ID	Requirement Description	Max Marks
REQ_1	Create a servlet project whose name is (Name_ClassDiv) eg: Servlet_ManishPatel_BCAD. Under this folder perform the below output <input checked="" type="checkbox"/> Maths <input type="checkbox"/> Physics <input checked="" type="checkbox"/> Chemistry <input type="button" value="Select Subject"/> (Use HTML + Servlet File)	2
REQ_2	Create a code in HTML to perform two operation using html + servlet (Division and Multiplication)	2
REQ_3	Generate snippet for the following code: 	2

REQ_ 4	Create a code in servlet using Req_3 and the concept of request dispatcher and perform the operation for the login page, password true than successfully login or invalid password.	4
REQ_ 5	Create a JDBC Project Name Folder (Name_ClassDiv) eg: ManishPatel_BCAD.	2
REQ_ 6	Create Database ManishPatel_BCAD and table name : Teacher which is having 5 fields (TeacherID, TeacherName,TeacherPhoneNo,TeacherSubject,TeacherClass) with appropriate data types	2
REQ_ 7	Generate a Java code which shows connectivity successful connected messages in the console using Req_5 and Req_6. (Perform Database connectivity using simple Java)	2
REQ_ 8	Using Req_7, Perform 2 operation using sql query and Java <ol style="list-style-type: none"> 1. Select Query 2. Update Query change teacher subject 	4