



**POORNIMA UNIVERSITY, JAIPUR**  
**END SEMESTER EXAMINATION, 2023-2024 EVEN SEMESTER**

Write Roll No Below: \_\_\_\_\_

**MCA (General) I ( ) - II (Main/Back) End Semester Examination,**  
**23MCACCA2104: Web Technologies**

**Time:** 3 Hours

**Total Marks:** 60

**Min. Passing Marks:** 21/24/27

**Question Paper ID:** 001108

**Instructions:** Attempt all five questions. There is an internal choice either (a or b) in Q1 to Q5. Marks of each question or its parts are indicated against each question/part. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

**Bloom Level(BL):** 1-Remembering, 2-Understanding, 3-Appling, 4-Analysing, 5-Evaluating, 6-Creating

Use of following supporting material is permitted during examination for this subject: Nil

- Q1. (a)** (i) Create a Html List With The Following Entries: **Marks BL CO**  
Ordered List : Name, Class, Subject , Email & Section (According to you any 5 entries in given **12 3 1**  
fields ). **(Marks: 6)**  
(ii) Create a Unordered List With its types bullets, circle and square (According to you any 5 entries). **(Marks: 6)**
- (OR)**
- (b)** (i) Create a Html Form With Input fields ,checkbox, radio and submit button.**(Marks: 6)**  
(ii) Create frame tag and iframe tag code.**(Marks: 6)**
- Q2. (a)** (i) Difference between XML & HTML (Min 6 Differences).**(Marks: 6)** **Marks BL CO**  
(ii) Create a Xml Code of Bookstore With Output.**(Marks: 6)** **12 3 2**
- (OR)**
- (b)** (i) Write a Javascript Program to Find the Multiplication of a number .**(Marks: 6)**  
(ii) Write a Javascript Program to add 2 numbers .**(Marks: 6)**
- Q3. (a)** (i) Explain JDBC And its Types With Neat and clean Diagram.**(Marks: 6)** **Marks BL CO**  
(ii) Create a Sql Table named student With Create Statement and use insert, update and delete **12 1 3**  
statement to add min 9 records.**(Marks: 6)**
- (OR)**
- (b)** (i) Explain Meta data ,resultset and statement object in sql with code. **(Marks: 6)**  
(ii) Write a sql code for calculating and joining of a table. **(Marks: 6)**
- Q4. (a)** (i) Explain Servlet Basics And its lifecycle with diagram.**(Marks: 6)** **Marks BL CO**  
(ii) Write a code for reading cookies with html form code and java code.**(Marks: 6)** **12 2 4**
- (OR)**
- (b)** (i) Explain Session Tracking in detail with its techniques proper diagram. **(Marks: 6)**  
(ii) Difference b/w Apache tomcat server and apache webserver (min 6 differences). **(Marks: 6)**
- Q5. (a)** (i) Explain JSP. Write its Advantages and Disadvantages.**(Marks: 6)** **Marks BL CO**  
(ii) Write a Example of JSP expression tag that prints the user **12 1 5**  
name and current time code.**(Marks: 6)**
- (OR)**
- (b)** (i) Explain Java Beans and its use, with its properties, advantages and disadvantages. **(Marks: 6)**  
(ii) Explain JSP Declaration tag that declares method and returns the cube of a number code. **(Marks: 6)**

\*\*\*End of Question Paper\*\*\*