

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA – SEMESTER II- EXAMINATION –WINTER-2025

Subject Code: 629408

Date: 20/11/2025

Subject Name: Java Web Technologies

Time:02:30 PM TO 05:00 PM

Total Marks: 70

Instructions:

- 1. Attempt all questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

- Q.1 (a)** 1) Write JSP syntax of following. **04**
i) Scriptlet element ii) Expression element
iii) Declaration element iv) Comments **01**
2) Servlets always run inside a servlet container.
3) -----method of Servlet interface is called multiple times during life cycle. **01**
4) What is the use of action attribute of html form? **01**
- (b)** What is Servlet? Explain the basic servlet structure. **07**
- Q.2 (a)** How to pass form data to servlet and how to read form data from servlet. **07**
(b) What is the HttpServletRequest? Discuss all access methods of HttpServletRequest in detail. **07**
- OR**
- (b)** Explain method of reading request header. **07**
- Q.3 (a)** What is Filter? How to create Filter?write its steps and explain with example. **07**
(b) Explain methods available in HttpSession . **07**
- OR**
- Q.3 (a)** Why Cookies used? Explain how Cookies are send and received by the servlet. **07**
(b) Describe important status code of HTTP1.1 protocol. **07**
- Q.4 (a)** Explain predefined variable in JSP? **07**
(b) What is the JavaBeans? How many ways Beans can be shared? Explain each with example. **07**
- OR**
- Q.4 (a)** What do you understand by JSP Action? Write a note on jsp:plugin , jsp:fallback and jsp:param Element. **07**
(b) What is MVC? Explain implementing MVC with RequestDispatcher. **07**
- Q.5 (a)** What is the Scoped Variable? How to EL access Scoped Variables? **07**
(b) What is the use of ResultSet in JDBC? Write a code in JDBC for view list of records from a table. **07**
- OR**
- Q.5 (a)** What are different types of statements available in JDBC? Where do we use these Statements? **07**
(b) What is the form-based security?Describe the steps involved in form-based security. **07**
