

# KADI SARVA VISHWAVIDHYALAYA

## MCA Semester IV Examination May – 2014

Subject Code: MC -22

Subject Name: Advance JAVA Programming

Date:14/5/2014

Time: 10:00 am to 1:00 pm

Total Marks: 50

### Instructions:

- (1) Attempt all questions.
- (2) Make suitable assumption whenever necessary.
- (3) Figures to the right indicate full marks

- Que:1** 1) JSTL stands for \_\_\_\_\_ [10]  
2) `\${"1"+2}` is `\${"1"+2}` will output \_\_\_\_\_  
3) \_\_\_\_\_ is the parameter of `init()` of servlet interface.  
4) If method attribute is not specified within the `<form></form>` tag, \_\_\_\_\_ is the default method used by the browser  
5) \_\_\_\_\_ request header indicates the URL of the referring Web page.  
6) What kind of information 400-499 status code provides?  
7) Xml syntax for JSP page directive is \_\_\_\_\_  
8) Jsp is client side technology (true/false) justify your answer.  
9) \_\_\_\_\_ cookies are available until user restarts the browser.  
10) What is template text?

- Que:2** (A) Differentiate following [5]  
1. `jsp:forward` action and `response.sendRedirect()`  
2. `GenericServlet` and `HttpServlet`

- (B) Explain in brief [5]  
1. Database Transaction using JDBC  
2. JSP Declaration

OR

- (B) Explain in brief  
1. Callable statement [3]  
2. Types of comments in JSP [2]

- Que:3** (A) What is servlet? Explain servlet life cycle. [5]  
(B) Explain any five request headers of HTTP 1.1. [5]

OR

- (A) Explain `c:redirect`, `c:import` and `c:catch` tag of JSTL [4]  
(B) Differentiate include action and include directive in JSP [6]

- Que:4** Define JSP directive. Explain attribute of page directive with example [10]

OR

- What is session? Explain different session tracking mechanisms in detail. [10]

- Que:5** (A) What are JSP predefined variables? Explain any five [5]  
(B) Explain java bean. How to use it in JSP using `<jsp:usebean>` with different scopes? [5]

OR



Que:5

(A) Explain the process for querying database using JDBC

[7]

(B) List the parameters to the following methods .

[3]

e.g doGet(HttpServletRequest rq, HttpServletResponse rs)

1. setMaxAge() of cookie class
2. service() of GenericServlet class
3. getSession() of HttpServletRequest class

-----ALL THE BEST-----