



A-1655

M. Sc. (ICT) (Sem. I) Examination

March / April – 2015

Java Web Development

(New & Old Course)

Time : 3 Hours]

[Total Marks : 70

Instruction : (1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. SC. (ICT) (SEM. I)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Java Web Development (New & Old Course)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="5"/> <input type="text" value="5"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
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1 Answer the following Questions in brief. (Any 8) 16

- Explain the working of web server in Enterprise applications.
- Write an note on ServletContext and ServletConfig
- What are HTTP header. Explain some important headers.
- What is request dispatching. How it is better than redirection.
- Discuss Docky Menus and Tree Component of primefaces?
- Write a custom JSTL tag to populate a combo box from XML data.
- Write a note on bean and built in validators.
- How does a property file help in Web applications. Explain with example.
- Write a note on PreparedStatement and CallableStatment with example.

2 Do as directed (4,8,6) 18

- Explain the life cycle of JSP.
- Write a Note on a) Filters b) Listeners
- Explaining all execution level aspects of web server, state the lifecycle of a Servlet and JSP.

- 3** Do as directed (7,7,4) **18**
- (a) Explain the role of JSTL and EL in Java Web Application. Write the use of all implicit objects in JSTL/EL
 - (b) Explain role-based security model of JAAS and its implementation Java web Application . Explain form-based authentication.
 - (c) Write an XML with data of Dept and Employees. Using JSTL create two combo boxes of Dept and Employees. Changing Dept in Dept combo will change the value in Employee combo box . Use XML parsing tags.

OR

- (c) A Stock Brokerage Company maintains the record of client wise stock of Shares for every client. Define Entities, Relationships and Constraints.. Use appropriate validators Print the clientwise, stockwise marks in decending order. Use JSF.

- 4** Do as directed (7,7,4) **18**
- (a) What is MVC. Explain How does JSF and Spring fit into this.
 - (b) Describe the building blocks of Spring Framework with a Simple Application.

OR

- (b) What is difference between the JSP based and JSF based form submission. Explain the JSF based form submission by describing the entire lifecycle.
- (c) Write a short note on Converters.
