

Name: _____

Reg #: _____

Section: _____

National University of Computer and Emerging Sciences, Lahore Campus

Course:	Advanced Programming
Program:	BS(Computer Science)
Duration:	30 Minutes
Paper Date:	Dec 2018
Section:	B
Quiz:	3

Course Code:	CS433
Semester:	Fall 2018
Total Marks:	10
Weight	3.3 %
Page(s):	2

Instruction/Notes: Attempt the quiz on the question paper and write concise answers.

Q1. Name the default value of the scope attribute of <jsp:usebean>.

- a) page b) application c) session d) request

Q2. Which of these statements are correct?

- (A) For each request, Servlet starts a process and Web server is limited to start processes.
(B) Servlet technology is used to create dynamic web page.
(C) Servlets are protocol and platform-independent server side Java components.
(D) init(ServletConfig) method of Servlet is called for each request of the client.

Q3. Assume that you need to write a JSP page that adds numbers from one to ten, and then print the output.

```
<% int sum = 0;
for(j = 0; j < 10; j++) { %>
    // XXX — Add j to sum
<% } %>
// YYY — Display ths sum
```

Which statement when placed at the location XXX can be used to compute the sum. Select the one correct statement

- a) <% sum = sum + j %> b) <% sum = sum + j; %>
c) <%= sum = sum + j %> d) <%= sum = sum + j; %>

Q4. When and how many objects of a servlet object are created?

Ans:

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Q5. If the following JSP tag is coded in a main JSP, what happens when the reports.jsp page is updated?

```
<jsp:include page="includes/reports.jsp" />
```

- a) the changes aren't updated in the subsequent requests for the main JSP
- b) the changes appear for subsequent requests for the main JSP
- c) a JSP error is thrown
- d) It will include at the translation phase only

Q6. Suppose you have implemented a Student action class, login.jsp, signup.jsp in STRUTS2. Write down the name of

Model:-----

Views: -----

Controller:-----

Q7. STRUTS: What's the purpose of Execute method of action class and how its returned value is used?

Ans:

Q8. Hibernate: Suppose you have Student class in Java, write a line of code to get the student object with id = 10.