CSCI 4513 Web Site Programming and Design

Homework Assignment 5

Due Date: Midnight, Mar. 6, 2022

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Answer on the multiple choice/ fill in the blank questions below (1 point x 10)

Q1. \_\_\_**MVC**\_\_\_\_\_\_\_\_ stands for Model View and Controller. It is a design pattern that separates the business logic, presentation logic and data.

Q2. Which component is responsible for managing the data of the application? \_\_\_\_**A.**\_\_\_\_\_

**a) Model**  b) view c) controller d) none of above

Q3. The view can be built with \_\_\_\_\_**D.**\_\_\_\_\_\_.   
a) HTML b) JavaScript c) CSS **d) All of above**

Q4. Which one is not a benefit of MVC architecture in the system? **\_\_\_\_\_\_\_C.\_\_\_\_**  
a) modularity b) flexibility **c) visualization**  d) reusability  
  
Q5. \_\_\_\_\_ **Java Server Pages (JSP)**\_\_\_\_\_\_ is technology based on java, its processor generates webpages using java language.

Q6. Which one is not a component of JSP? \_\_\_\_**D.**\_\_\_\_\_\_\_\_

1. directive b) scriptlet c) action tag **d) session**

Q7. Which one is not an implicit object of JSP? \_\_\_\_**C.\_\_\_\_\_\_\_\_\_\_**

1. request b) response **c) action** d) out

Q8. Which one is not a method of abstract class HttpServlet to be overrided? \_\_\_\_\_**D.**\_\_\_\_

1. doGet() b) doPost() c) doPut() **d) doPush()**

Q9. Three key properties that causes any class in java to become a \_\_\_\_**JavaBean**\_\_\_\_\_\_\_\_\_\_\_\_ is i) Class is serializable, ii) class has a 0 argument constructor, iii) class has getter and setter methods for data members.

Q10. \_\_\_\_\_\_**Java Database Connectivity (JDBC)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an application programming interface (API) for the programming language Java, which defines how a client may access a database.

Note) Submit it through Assignments tab in D2L.