



UNIVERSITY OF THE PUNJAB

Sixth Semester - 2017
Examination: B.S. 4 Years Programme

Roll No.

PAPER: Internet Programming (IT)
Course Code: IT-308

TIME ALLOWED: 2 hrs. & 30 mins.
MAX. MARKS: 50

Attempt this Paper on Separate Answer Sheet provided.

Question # 2.

[2 x 10 = 20 Marks]

Precisely write down the answers of the following questions.

1. What do you mean by "Java is platform independent"?
2. How objects will be destroyed in java?
3. What is meant by multiple inheritance and multi-level inheritance?
4. Describe the two attributes i.e. action and method of form tag in html?
5. How does java perform event handling?
6. Write down a life cycle of JSP page.
7. What is difference between package and public access modifiers?
8. What do you know about Server-side scripting languages?
9. What is meant by a scripting language?
10. Describe ResultSet object used in JDBC?

Question # 3.

[3 x 10 = 30 Marks]

Briefly write down the answers of the following questions.

1. What is meant by interface and abstract classes? Explain with an example program.
2. A client wants to send a request to server for checking that a string is palindrome or not. So, you have to make a server-client application, in which client sends a string to the server and server resends the response in which it tells that the given string is palindrome or not. (Do your task with serialization method in which either you can use built-in class String or make your own string class).
3. Write a JSP page, which will dynamically create a drop down list with all countries along with their regions saved in data base.

DB Name: Database

Table name: Countries(countryName(varChar(50)), regionName(varChar(50)))



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Attempt this Paper on this Question Sheet only.

Question # 1.

[Marks: 1 x 10 = 10]

Evaluate the statement and write down the correct option number.

1. JQuery is a library of JavaScript.
 - a. Yes
 - b. No
2. Scanner class is in _____ package.
 - a. java.lang
 - b. java.util
 - c. javax.swing
 - d. none of these
3. In CSS, class selector uses _____ symbol.
 - a. (.) dot
 - b. (#) dot
 - c. no id selector is available in CSS
 - d. None of these
4. Which of the following is a valid declaration of an object of class Shape?
 - a. new Shape obj;
 - b. obj = new Shape();
 - c. Shape obj = new Shape();
 - d. Shape obj = new Shape;
5. JDK stands for _____.
 - a. Java Deployment Kit
 - b. Java Development Kit
 - c. Java Debugging Kit
 - d. None of these
6. On pressing CANCEL button, prompt box returns _____ value.
 - a. message written in text box
 - b. null
 - c. prompt box is not a type of Pop up box
 - d. none of above

(P.T.O.)

7. Non-static data members/member functions cannot be accessed in static member functions.
- a. Yes
 - b. No
8. All functions in java are _____.
- a. Virtual
 - b. Inline
 - c. Both a and b
 - d. Either a or b
9. If we uses get method technique, then the data will be sent through _____.
- a. body of request
 - b. url
 - c. both a & b
 - d. none of these

10. What will be the output of the program?

```
public class Foo{  
    public static void main(String [] args){  
        try{  
            return;        }  
        finally{  
            System.out.println("Finally");  
        }  
    }  
}
```

- a. Finally
- b. Compilation fails
- c. The code runs with no output
- d. An exception is thrown at runtime