

Delhi Public School Ruby Park, Kolkata
Holiday Homework
Class – XII

Subject: **Information Practice**

Question from Java

1. (a) The following code has some error(s). Rewrite the correct code underlining all the corrections made.

```
int written, interview;

written =
Integer.parseInt(jTextField1.getText());
interview =
Integer.parseInt(jTextField2.getText());

    if (written <80) OR (interview <15)
    {
        System.out.println(Not selected);
    }
    Else;
    {
        System.out.println("Selected");
    }
```

- (b) How many times will the following loop execute :

```
int z = 7, sum =
0; do
    {
        sum = sum +
z; z = z+2;

        system.out.println(" "+z);
    }

while (z <=12);
```

- (c) Rewrite the following program code using IF ELSE IF instead of SWITCH statement.

```
String rem;

int code =
Integer.parseInt(jTextField1.getText()); Switch
(code)

{

    case 1 : rem = "Classes start on 8th
              April"; break;

    case 2 : rem = "Classes start on 10th
              April"; break;

    case 3 : rem = "Classes start on 12th
              April"; break;

    default : rem = "Contact Admin Office";

}
```

- (d) Write the values of sum and t after execution of the following code :

```
int
sum,t;
sum =
27;

t = 3;

sum = sum + 2 * (++t);
```

- (e) Seema is a junior programmer at 'Avon Shoe Factory'. She has created the following GUI in Netbeans.

The screenshot shows a Java Swing window titled "AVON SHOE FACTORY". The window contains the following elements:

- Three rows of items, each with a checkbox, an "Enter Quantity" button, and an "Amount" button:
 - Shoe (Code 101)
 - Sandal (Code 102)
 - Slippers (Code 103)
- Three buttons: "Calculate", "Clear", and "Stop".
- At the bottom, a "Total Amount" label and a text field.

- 3 items namely Shoes, Sandals and Slippers are manufactured by the factory.
- A buyer can buy more than one item at a time.
- Each pair of shoes costs ` 1,500.00, each pair of sandals costs ` 1,000.00 and each pair of slippers cost ` 500.00.
- The item bought will be selected by the user and the Quantity (number of pairs) bought will be entered by the user.
- Amount to be paid for that item will be displayed in front of the item.

For example if 'Shoe' is selected and Quantity entered is 20, then Amount should be displayed as 30000.

Help Seema write code for the following :

- When 'Calculate' button is clicked, the amount should be displayed in front of each item (in the appropriate textfield) and Total amount (sum total of all the amounts) should be displayed in the appropriate textfield.
- When Clear button is clicked, all the Textfields and Checkboxes should be cleared.
- When Stop button is clicked, the application should close.

- (f) Choose the appropriate controls among Checkbox, Listbox, Combobox, button, Textbox from the following table:

SI No.	Control Used	Control Name
1	Traveler's Name	
2	City	
3	Trip Type(one way/two way)	
4	Booking Class(Economy/ Premium/Business)	

Question from HTML

2. a) Design the following table using HTML tags:

EMPLOYEEID	NAME	SALES	JOBID
E1	SAMIT SINHA	1100000	102
E2	VIJAY SINGH TOMAR	1300000	101
E3	AJAY RAJPAL	1400000	103
E4	MOHIT RAMNANI	1250000	102
E5	SHAILJA SINGH	1450000	103

- b) Write down the uses of the following tags:

UL, OL, BR, HREF, A, IMG, H1, TR, TD

- c) How we create a form in HTML? Write down the syntax for creating Button, Checkbox, Textbox.

Question from XML

3. a) What are the differences between HTML and XML?

b) Match the following:

Column A	Column B
XML	We use predefined tags to design webpages.
It is designed to store and transport data	HTML
Tags are not case sensitive	XML
HTML	Elements must have a closing tag.

b) Write a XML code to implement students (at least four) database where name, roll, address, marks information can store and display the structure of the page as an output.