

KENDRIYA VIDYALAYA PANGODE
UNIT TEST II, SEPTEMBER
INFORMATICS PRACTICES

CLASS: XI

TOTAL MARK:40
MAX. TIME:90 min.

Section A

1. The smallest individual unit in a program is called a _____. (1)
2. What is a keyword? Give two example. (2)
3. Write any two rules in the formation of an identifier. (2)
4. What is Selection statement? Which are the two selection statements used . (2)
5. Differentiate between the following: CheckBox and RadioButton (2)
6. What are the different data types used in Java. Explain briefly with example. (4)
7. List five arithmetic operators used in Java. Design a calculated using all the five arithmetic operator. (6)

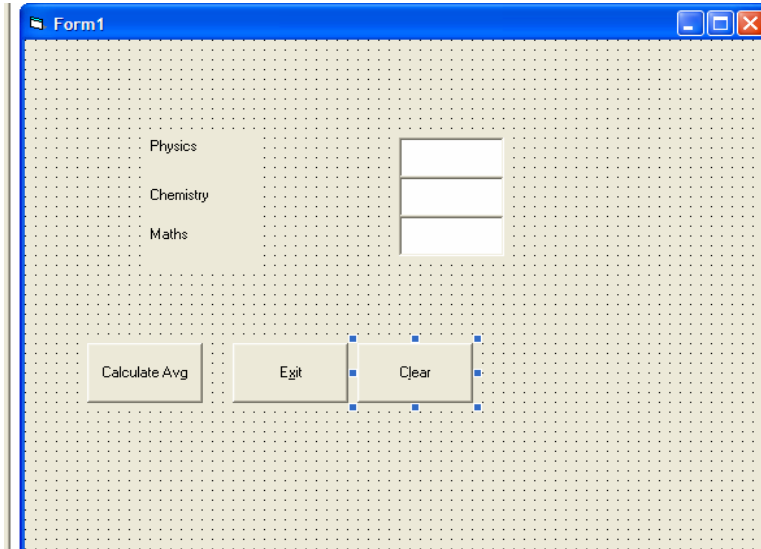
Section B

8. Marks of a student is stored in a string variable strMarks. Write a java statements to convert marks in double variable dblMarks. (1)
9. Give the value of x after executing following Java code. (2)

```
int a=10;
int b=12;
int x=5; int y=6;
if (a<=b) {
    if (a%2= =0)
        x=x+y;
    else    x=x-y;
}
```
10. Find the errors from the following code segment and rewrite the corrected code underlining the correction made. 2

```
int a ,b;
c=a+b;
Display c;
c=c+1
system.out.println(c);
```
11. Design an application that obtains three values in three text fields from user: Principal, Rate of Interest, Time. It should then compute and display Simple Interest when Calculate button is clicked. 4

12.



(6)

- a) Code for clear button to clear all fields. (1)
- b) Code for Exit button (1)
- c) Write the code for Calculate Average print the result in message box on the bases of following conditions (4)

Avg	Grade
≥ 80 and ≤ 100	A+
≥ 70 and < 80	A
≥ 60 and < 70	B
≥ 40 and < 50	C
Other wise	F

(6)

13. Design a GUI to List the sports name and charges. Five checkboxes and six textfields (five for charges and one to display the total charges). One button to calculate the total charges. Whenever a sports is selected its charges should display on the corresponding textfield and when selection is removed the charges must be cleared