WORKSHEET – 9
TOPIC – VB: CONTROL STRUCTURES

SUBJECT: COMPUTER SCIENCE   **CLASS: VIII**
F.M.: 15   **DATE: 13.05.2020**

➢ **Choose the correct option:**   **(1X15=15)**

1) Do While loop is a type of _____ statement:
(a) Relational   (b) Logical   (c) Arithmetic   (d) Control

2) This is used to execute statements until a certain condition is true:
(a) Do While loop   (b) Prompt   (c) InputBox   (d) None of these

3) This is used to declare a variable:
(a) For   (b) Dim   (c) While   (d) None of these

4) The Do While loop continues until the condition becomes:
(a) True   (b) False   (c) Erased   (d) None of these

5) This loop first executes the statements once before carrying on any condition check:
(a) For…Next   (b) Do Until   (c) Do…Loop While   (d) None of these

6) Do Until Loop is just the reverse of _____ :
(a) For…Next   (b) Do Until   (c) Do While   (d) None of these

7) The Do Until loop continues execution as long as the condition is:
(a)) True   (b) False   (c) Erased   (d) None of these

8) This clause in the Dim statement allows defining the data type of the variable:
(a) As Storage   (b) As Data Type   (c) As Data   (d) As Type

9) Under which loop the condition is checked after the statements are executed at least once:
(a) For…Next   (b) Do Until   (c) Do…Loop While   (d) None of these

10) _____ Loop is executed as long as the specified condition is FALSE:
(a) For…Next   (b) Do Until   (c) Do…Loop While   (d) None of these

11) _____ first executes the statements and then tests the condition after each execution:
(a) For...Next   (b) Do Until   (c) Do...Loop While   (d) None of these

12) What will be the output of the following program segment? :

```
Dim n As Integer
n = 2
Do Until n>12
Print n
N = n + 1
Loop
```

(a) 2 to 11 will be displayed   (b) 3 to 12 will be displayed
(c) 2 to 13 will be displayed   (d) 2 to 12 will be displayed

13) What will be the output of the following program segment? :

```
Dim n As Integer
n = − 1
Do
n = n + 1
Print n
Loop While n < = 10
```

(a) 0 to 10 will be displayed   (b) − 1 to 10 will be displayed
(c) 2 to 13 will be displayed   (d) 0 to 11 will be displayed

14) What will be the output of the following program segment? :

```
Dim n As Integer
n = 0
Do
n = n + 1
Print n
Loop While n > = 3
Loop
```

(a) 0 to 3 will be displayed   (b) 0 to 4 will be displayed
(c) Only 1 will be displayed   (d) None of these

15) The following is a type of arithmetic operator:

(a) +   (b) AND   (c) >=   (d) None of these

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