ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

WORSHEET -13(ANSWER KEY)

Topic – Introduction to QBASIC :Loops

Subject: COMPUTER   Class - 7   F.M:15

Chapter: QBASIC : Loops   Date: 14/11/2020

Choose the correct answer for each question: [15 x 1 =15]

1. _____ is a technique to execute a set of statements repeatedly.
    a. **Loop**
    b. Variable
    c. Constant
    d. Assignment

2. _____ statement repeats a number of statements enclosed within the loop.
    a. IF
    b. **FOR…NEXT loop**
    c. Goto
    d. None of these

3. Which of the following is incorrect with respect to FOR…NEXT loop?
    a. It is a looping statement
    b. It is one of the most time-saving commands
    c. We generally use it when we know exactly how many times we need to execute a certain number of statements.
    d. **None of these**

4. What is the result of the following code segment:

    FOR a= 1 to 7
       PRINT a
    NEXT a

    a. First 7 natural numbers in reverse order
    b. **First 7 natural numbers**
    c. No output as Step Value is missing
    d. Only 1

5. How many times the below loop will be executed?

    FOR a= 1 to 7 step 1
       PRINT "hi"
    NEXT a

    a. 5
    b. 6
    c. **7**
    d. 1

6. What can be the possible values for StepValue in FOR…NEXT loop?
    a. Any Positive value
    b. Any Negative value
    c. Both (a) and (b)
    d. Any Fractional value

7. What will be the output for the following?
   FOR a= 1 to 10 step 2
      PRINT a
   NEXT a
    a. Odd numbers from 1 to 10
    b. Even Numbers 1 to 1o
    c. Natural numbers 1 to 10
    d. None of these

8. If the step value is _____, the loop will become an infinite loop.
    a. One
    b. Zero
    c. Two
    d. Three

9. How many times the below loop will be executed?
   FOR a= 1 to 10 step -2
      PRINT a
   NEXT a
    a. Infinite
    b. Finite
    c. Zero
    d. Two

10. If the initial value is equal to the final value, the loop gets executed _____ time(s).
    a. Zero
    b. Infinite
    c. One
    d. Two

11. What is meaning of Step -2 in FOR…NEXT LOOP ?
    a. Increments the value of control variable by 1 each time
    b. Increments the value of control variable by 2 each time
    c. Decrements the value of control variable by 1 each time
    d. Decrements the value of control variable by 2 each time

12. Choose the correct statement.
    a. Loops or Repetition block executes a group of statements repeatedly.
    b. Loop is usually executed as long as a condition is met.
    c. Same code is being executed certain number of times.
    d. All the above.

13. What is the result of the following code segment:
    FOR a= 7 to 1 STEP -1
       PRINT a
    NEXT a
    a. First 7 natural numbers in reverse order

    b. First 7 natural numbers

    c. No output as Step Value is negative

    d. Only 1

14. Which key should be pressed to end the infinite loop?

    a. Ctrl + P

    b. F5

    c. <u>Ctrl + Break</u>

    d. F2

15. How many times the below loop will be executed?

FOR a= 10 to 1 step 1

   PRINT a

NEXT a

    a. Infinite

    b. Finite

    c. <u>Zero</u>

    d. Two

Phalguni Pramanik