Week 1 : Assignment 1

1) What type of device is computer webcam?

○ a) Memory

○ b) Output

○ c) Storage

◉ d) Input

Yes, the answer is correct.
Score: 1

Accepted Answers:
d) Input

2) Set of instructions to be provided to an electronic machine to perform a task is called

◉ a) Programming

○ b) Processing

○ c) Computing

○ d) Compiling

Yes, the answer is correct.
Score: 1

Accepted Answers:
a) Programming

3) Which of the following language does the computer understand?

○ a) Computer understands only C Language

○ b) Computer understands only Assembly Language

◉ c) Computer understands only Binary Language

○ d) Computer understands only BASIC

Yes, the answer is correct.
Score: 1

Accepted Answers:
c) Computer understands only Binary Language

4) Which of the following is known as the language made up of binary-coded instructions?

○ a) High level

○ b) BASIC

○ c) C

◉ d) Machine

5) Algorithm is-

○ a) A process or set of rules to be followed in calculations or other problem-solving operations, especially by a human.

○ b) A process or set of rules to be followed to solve numerical problems only.

◉ c) A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer.

○ d) A process or set of rules to be followed in to solve logical problems only.

6) A 2D diagram to represent the steps to be followed to solve a problem is known as

◉ a) Flow-chart

○ b) Pseudo-code

○ c) Both (a) and (b)

○ d) None of these

7) Which one of the following statement is the most appropriate?

○ a) Pseudo code is basically a diagrammatic representation of the algorithm. Whereas in flowchart normal English language is translated into the programming languages to be worked on.

◉ b) Flowchart is diagrammatic representation of the algorithm. Pseudo code is just another name of algorithm.

○ c) Pseudo code is another name of programming. Whereas in flowchart is diagrammatic representation of algorithm.

○ d) Flowchart is basically a diagrammatic representation of the algorithm. Whereas in pseudo code normal English language is translated into the programming languages to be worked on.

Accepted Answers:
d) Flowchart is basically a diagrammatic representation of the algorithm. Whereas in pseudo code normal English language is translated into the programming languages to be worked on.
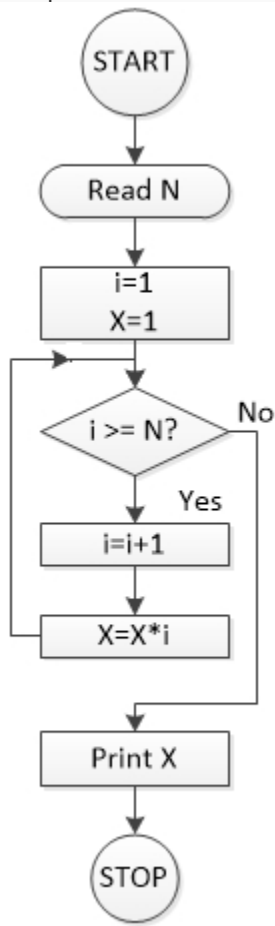
8) The input N from the user is 6. The output of the following algorithm is

```
     START
       |
     Read N
       |
      i=1
      X=1
       |
   +-->|
   |   i >= N?  --No-->
   |     |
   |    Yes
   |   i=i+1
   |     |
   +-- X=X*i
       |
     Print X
       |
     STOP
```
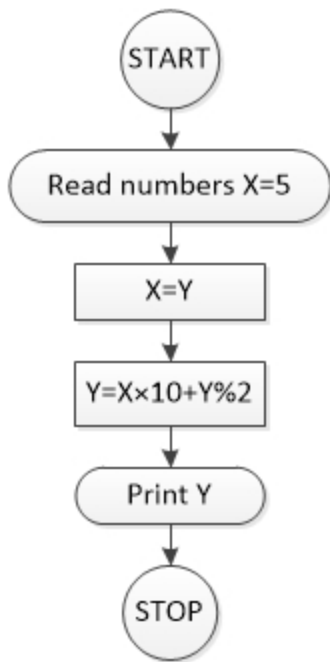
○ a) 21
○ b) 720
● c) 1
○ d) 1024

Yes, the answer is correct.
Score: 1

Accepted Answers:
c) 1

9) What will be the output of the algorithm given below?

○ a) 51
○ b) 52
○ c) 50
◉ d) Compilation error

Yes, the answer is correct.
Score: 1

Accepted Answers:
d) Compilation error

10) The section of the CPU that selects, interprets and sees to the execution of program instructions

○ a) Memory
○ b) Register Unit
◉ c) Control Unit
○ d) ALU

Yes, the answer is correct.
Score: 1

Accepted Answers:
c) Control Unit