

MIS202-Mid-Term Revision

Computer Hardware

- 1- Computer Hardware includes
 - a) Input unit
 - b) Output unit
 - c) Center processing unit
 - d) All of the above**

- 2- output unit
 - a) is a piece of hardware used to provide data to a computer
 - b) presents the processed data, which is Information to the user**
 - c) coordinates between all the hardware units
 - d) it stores data and programs which are not actively used by other units, until they are needed.

- 3- Center processing unit
 - a) is a piece of hardware used to provide data to a computer
 - b) presents the processed data, which is Information to the user
 - c) coordinates between all the hardware units**
 - d) it stores data and programs which are not actively used by other units, until they are needed.

- 4- Several related fields can be used to compose a
 - a) bit
 - b) character
 - c) field
 - d) record**

- 5- The smallest data item in a computer which can assume the value 0 or the value 1 is called
 - a) bit**
 - b) character
 - c) field
 - d) record

- 6- The ascending order of a data Hierarchy is:
 - a) Bit – bytes – field – record – table – database**
 - b) Bytes – bit – record – field – table – database
 - c) Bit – bytes – record – field – table – database
 - d) Bytes – bit – field – record – table – database

- 7- Several related records can be used to compose a
- a) character
 - b) filed
 - c) **table**
 - d) database
- 8- In Languages; Programs are written with 1 and 0, directly understood by computer
- a) **machine**
 - b) assembly
 - c) high-level
 - d) None of the above
- 9- Pre-programmed and reusable components that have been tested and can be downloaded from libraries on the Internet to be reused are called:
- a) **objects (Classes)**
 - b) platforms
 - c) methods
 - d) attributes

The Systems Development Life Cycle

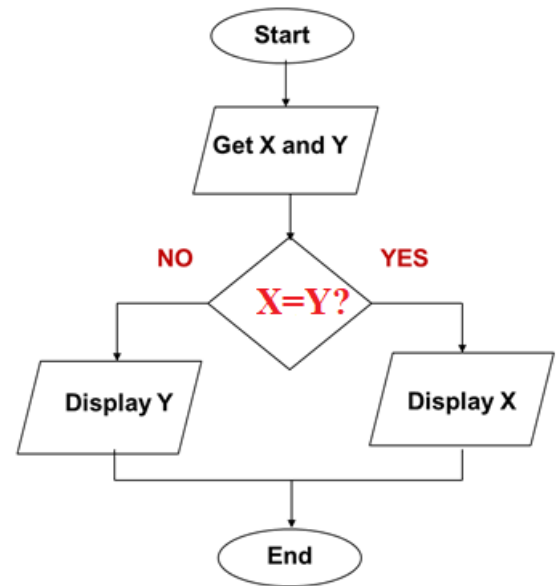
- 1- The right order of Systems Development Life Cycle activates is:
- a) 1- Programming, 2- Testing, 3- Conversion, 4- Systems analysis, 5- Systems design, and 6- Production and maintenance.
 - b) **1- Systems analysis, 2- Systems design, 3- Programming, 4- Testing, 5- Conversion, and 6- Production and maintenance.**
 - c) 1- Systems design, 2- Programming, 3- Systems analysis, 4- Conversion, 5- Testing, and 6- Production and maintenance.
 - d) None of the above
- 2- 1. SDLC stands for...
- a) **System development life cycle.**
 - b) Software development litigation cycle.
 - c) System development life conditions.
 - d) None of the above
- 3- A programmer would be a useful person to employ in which stage?
- a) Systems design.
 - b) Systems analysis.
 - c) **Programming.**
 - d) Conversion.

- 4- Systems analysis includes:
- a) Analysis of the problem to be solved by new system
 - b) Includes feasibility study
 - c) **Both a) and b)**
 - d) None of a) or b)
- 5- The Systems design
- a) translate design into code
 - b) test each unit in the system
 - c) operate the system
 - d) **create design specifications**
- 6- Programming activity
- a) creates design specifications
 - b) operate the system
 - c) **translates design specifications into code**
 - d) test each unit in the system
- 7- Algorithms can be constructed for the following operations:
- a) Sequential operations
 - b) Repetition operations
 - c) Conditional operation
 - d) **All the above**

Flow Chart

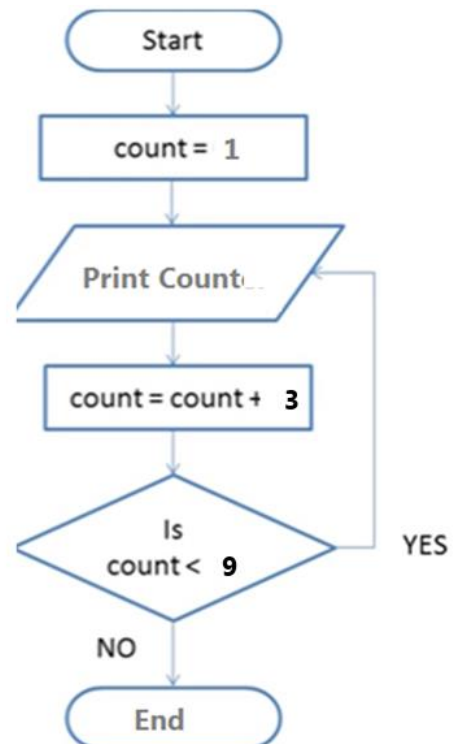
If $X=5$ and $Y=10$, What is the output of the following Flow Chart:

- A. 5
- B. 10**
- C. $5 < 10$
- D. Display $x < y$



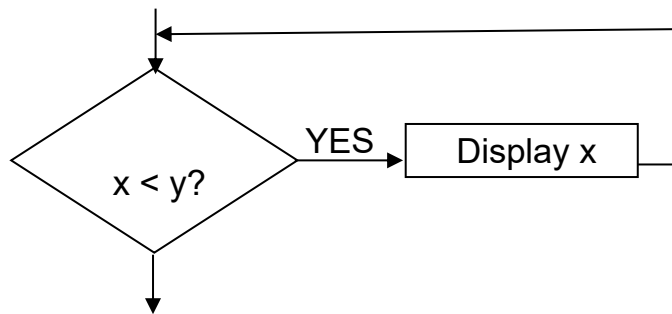
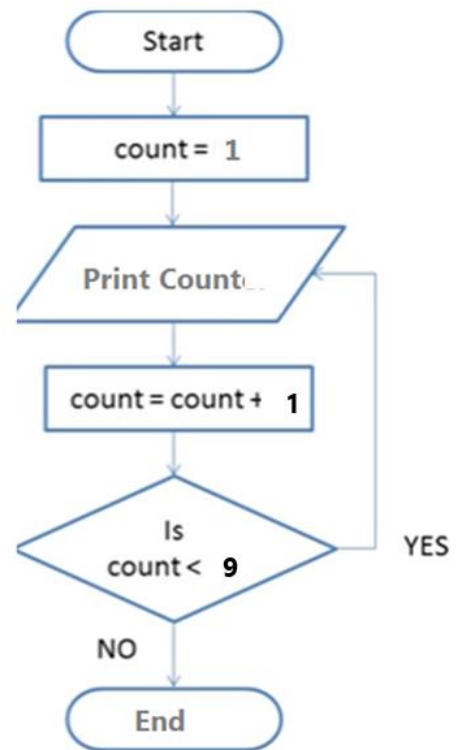
What is the output of the following Flow Chart:

- a) 1 2 3 4 5 6 7 8 9
- b) 1 4 7**
- c) error
- d) 1 3 5 7 9



What is the output of the following Flow Chart:

- a) 1 3 5 7 9
- b) 1 2 3 4 5 6 7 8**
- c) error
- d) 1 4 8



What is the wrong with this flowchart?

- a) an infinite loop is created**
- b) nothing wrong with this flowchart
- c) "Display x" should be presented(written) within an ellipse
- d) Non-of-the-above

Java

1- What will be the output of the following command;

```
System.out.print("I Said\tHello\tTo You");
```

- a) ISaidHelloToYou
- b) I Said
Hello
To You
- c) I Said Hello To You**
- d) I Said\Hello\To You

2- Which command is used to print the following text;

I Said "Hello" To You

- a) System.out.println("I Said "Hello " To You");
- b) System.out.println("I Said \"Hello \" To You");**
- c) System.out.println("I Said \"\"Hello\"\" To You");
- d) System.out.println(`I Said `Hello` To You`);

3- What will be the output of the following command;

```
System.out.print ("abc" + "de");
```

- a) Abc.de
- b) abc+de
- c) abc de
- d) abcde**

4- What will be the output of the following command;

```
System.out.print ("sum of 5+4 equals: " + (5+4));
```

- a) Sum Of 5+4 Equals:+ (5+4)
- b) sum of 5+4 equals: 5+4
- c) sum of 5+4 equals: 9**
- d) 5+4=9

5- What will be the output of the following command;

```
System.out.printf("%s\n%s", "Java is", "Cool!");
```

- a) %s\n%s", "Java is", "Cool!"
- b) Java is
Cool!**
- c) Java is Cool!
- d) Java is Cool!

6- What will be the output of the following command;

```
System.out.printf("%d\n%d", number1, number2);
```

Assuming number1 = 35 and number2= 45

- a) "%d\n%d", number1, number2
- b) 35 45
- c) **35**
45
- d) 80

7- What will be the output of the following command;

```
System.out.printf("%s\n%s", "number1", "number2");
```

Assuming number1 = 35 and number2= 45

- a) 35 45
- b) number1 number2
- c) 35+45
- d) **number1**
number2

9-What will be the output of the following statement if x=3?

```
System.out.println(++x * 8);
```

- 24
- 25
- 32**
- 33

10-Evaluate the value of the following expression?

$5 - 2 + 10 \% 4 + 7$

- a. 14
- b. 12**
- c. 13
- d. 10

11-What will be the output of the following statements if i=2, j=3?

```
int k = ++i * 7 + 2 - j--;
```

```
System.out.println("k = " + k);
```

- a. k = 18
- b. k = 19
- c. k = 20**
- d. k = 21

12- What will be the of following Java Program

```
public class Comparison {  
    public static void main(String args[]) {  
        int num1, num2, result;  
  
        num1 = 6;  
        num2 = 10;  
  
        result = (num1+num2);  
        System.out.println("The Result is:"+ result);  
    }  
}
```

- a) **The Result is: 16**
- b) The Result is: (num1+num2)
- c) The Result is: (6+10)
- d) The Result is:"+ result

13-Evaluate the value of the following expression?

$$5 - 2 + 12 / 4 + 7$$

- e. 14
- f. 12
- g. 13**
- h. 10

Good Luck