**Question For a = 60 , b = 13 compare the numbers using bitwise operators like AND, OR, XOR, NOT.**

## **01. Which of the following statements assigns the value 25 to the variable x in Python:**

1. x ← 25
2. x = 25
3. x := 25
4. int x = 25
5. x << 25

Ans- x=25

## **02. In Python, a variable may be assigned a value of one type, and then later assigned a value of a different type:**

1. False

2.True

Ans- True

## **03. Which one of the following is the correct way of declaring and initializing a variable, x with the value 7?**

1.int x

x=7

2.int x=7

3.x=7

4.declare x=7

Ans- x=7

## 

## 

## 

## **04. What will be the output of statement 2\*\*2\*\*2\*\*2**

1.16

2.256

3.32768

4.65536

Ans- 65536

## **05. Which of the following statement is False?**

1.Variable names can be arbitrarily long.

2.They can contain both letters and numbers.

3.Variable name can begin with underscore.

4.Variable name can begin with number.

Ans- Variable name can begin with number

## **06. What is the output of the following code: print 9//2**

1.4

2.4.5

3.4.0

4.Error

## **Ans – 4**

## **07. Which of the following is not a valid variable name in Python?**

1.\_var

2.var\_name

3.var11

4.5var

Ans- 5var

## 

## 

## **08. What is the maximum length of an identifier in python?**

1.32

2.31

3.63

4.None of the above

Ans- none of these

## **09. Which of the following declarations is incorrect?**

1.None Of the below

2.\_x = 2

3.\_\_x = 3

4.\_\_xyz\_\_ = 5

Ans- None of these

## **10. What is the result of round(0.5) – round(-0.5)?**

1.1.0

2.2.0

3.0

4.None Of the above

Ans- 2.0

## **11. In Python, a variable must be declared before it is assigned a value:**

1.True

2.False

## Ans-False

## 

## **12. Why does the name of local variables start with an underscore discouraged?**

1.To identify the variable

2.It confuses the interpreter

3.It indicates a private variable of a class

4.None of these

Ans- It indicates a private variable of a class

## **13. Which of the following will run without errors?**

1.round(75.8)

2.round()

3.round(5352.898,9,5)

4.round(6463.123,2,6)

Ans- round(75.8)

## **14. Which of the following is a valid variable?**

1.var@

2.32var

3.in

4.abc\_x

Ans-abc\_x

## **15. Is Python case sensitive when dealing with identifiers?**

1.Yes

2.No

3.Machine dependent

4.None of the above

Ans- yes