**Guidelines:**

* In one page, a maximum of 5 MCQs and a minimum of 2 MCQs can be included.
* Questions Numbered 1 to 35
* The font name is Calibri (Body), and the size is 12.
* The primary part of the code must be in bold.
* The four choices should be labeled in uppercase, from A to D, followed by**).**
* All choices must begin with a tab space.
* Write each option on a new line.
* Write the correct answer as shown above, without a tab space after all the options.
* Leave a one-line gap between each question.
* True/False type questions can also be written.

**Note:** Without practice, don't simply copy and paste from other websites. If you feel it's worthwhile, change the values and process, then put it into the document.

1. What is the output of **15 //4** ?

A) Error

B) 3

C) 4

D) 3.75

**Answer:** B) 3

2. What is the result of **3 \*\* 2 \*\* 3**?

A) 512

B) 8

C) 64

D) 729

**Answer: D) 729**

3. Which of the following returns a float?

A) 15 // 4

B) 15 / 4

C) 15 \* 4

D) 15 % 4

**Answer: B) 15 / 4**

4. What is the output of **9 % -4** ?

A) -1

B) 2

C) 1

D) 0  
**Answer: A) -1**

5. Evaluate **(5 + 2) \* 3 \*\* 2.**

**A**) 16

B) 63

C) 21

D) 14

**Answer: D) 63**

6. Which of these is not a valid comparison operator?

A) !=

B) >=

C) <

D) <>

**Answer: D) <>**

7. What does **7 > 4 == True evaluate to**?

A) Error

B) None

C) True

D) False

**Answer: C) True**

8. What is the output of **6 >= 6.0**?

A) True

B) False

C) None

D) Error

**Answer: A) True**

9. Which of the following results in False?

A) 8 >= 7

B) 2 < 10

C) 6 != 6

D) 4 == 4.0

**Answer: C) 6 != 6**

10. What is the output of not (6 < 4 or 4 > 2)?

A) Error

B) None

C) False

D) True

**Answer:** **C**) False

11. Which operator returns True only if both operands are True?

A) ==

B) and

C) not

D) or

**Answer: B) and**

12. What is the output of True or not True and False?

A) True

B) Error

C) None

D) False

**Answer: A) True**

13. Which of the following expressions is equivalent to not (A or B)?

A) not A or not B

B) not A and not B

C) not A and B

D) A and B  
**Answer: B) not A and not B**

14. What is the result of True and (False or False)?

A) None

B) False

C) Error

D) True

**Answer: B) False**

15. Evaluate not (True and False).

A) Error

B) False

C) None

D) True

**Answer: D) True**

16. What is the output of 6 & 2?

A) 0

B) 7

C) 1

D) 2

**Answer: D) 2**

17. What does ~3 return?

A) 1

B) 3

C) -4

D) -2

**Answer: C) -4**

18. What is the result of 16 >> 1?

A) 2

B) 8

C) 16

D) 4

**Answer: B) 8**

19. What is the output of 7 | 3?

A) 7

B) 2

C) 6

D) 3

**Answer: A) 7**

20. Evaluate **(5 ^ 3) & (16 >> 1).**

**A**) 0

B) 4

C) 6

D) 2

**Answer: D) 2**

21. What is the result of **x = 7; x += 2**?

A) Error

B) None

C) 8

D) 9

**Answer: D) 9**

22. What happens in **x -= 3 when x = 12**?

A) x becomes -5

B) x becomes 10

C) x becomes 9

D) Error

**Answer: C) x becomes 9**

23. Which operator is shorthand for **x = x \* 3**?

A) x \*\*= 3

B) x => 3

C) x \*= 3

D) x =\*= 3

**Answer: C) x\* = 3**

24. Which operator will increment x by 1?

A) x =+ 1

B) x++

C) x \*\* 1

D) x += 1

**Answer: D) x += 1**

25. What is the result of **x //= 2 when x = 15**?

A) 4

B) 7

C) 3

D) 3.33

**Answer: B) 7**

26. What is the result of 'b' in 'apple'?

A) Error

B) False

C) True

D) None

**Answer: B) False**

27. Which expression is True?

A) 'd' in 'dog'

B) 15 in 150

C) 12 in [1, 2, 3]

D) 'a' not in ‘apple'

**Answer: A) 'd' in ‘dog'**

28. Evaluate **6 not in [1, 2, 3, 4].**

A) None

B) Error

C) False

D) True

**Answer: D) True**

29. What is the output of **'color' in {'color': 'red'}**?

A) False

B) None

C) True

D) Error

**Answer: C) True**

30. Evaluate **'man' in 'human'.**

**A**) Error

B) True

C) None

D) False

**Answer: B) True**

31. What is the output of **7 is 7.0?**

A) False

B) True

C) None

D) Error  
**Answer: A) False**

32. What does a is b check?

A) Value of a and b

B) Type of a and b

C) None of these

D) Memory location of a and b

**Answer: D) Memory location of a and b**

33. Which of the following evaluates to True?

* 1. a = [3, 4]; b = a; a is
  2. ”world" is "WORLD"

C) 6.0 is 6

D) [3, 4] is [3, 4]

**Answer: A) a = [3, 4]; b = a; a is b**

34. What is the result of 15 is not 25?

A) None

B) True

C) Error

D) False

**Answer: B) True**

35. What is the result of **[1, 2, 3] is not [1, 2, 3]**?

A) False

B) True

C) Error

D) None

**Answer: B) True**