

# PYTHON

## DECISION MAKING STATEMENTS – EASY LEVEL

1. Which keyword is used for conditional branching in Python?

- A) if
- B) for
- C) while
- D) switch

Answer: A

2. Which statement is used to check multiple conditions in Python?

- A) for loop
- B) switch-case
- C) if-elif-else
- D) try-except

Answer: C

3. What will be the output of: `if 5 > 3: print("Yes") else: print("No")`?

- A) Yes
- B) No
- C) Error
- D) None

Answer: A

4. Which operator is used for logical AND in Python?

- A) AND
- B) &
- C) &&
- D) and

Answer: D

5. What is the output of: `if not False: print("True")`?

- A) True
- B) False
- C) None
- D) Error

Answer: A

6. Which keyword is used to handle multiple conditions besides if-else?

- A) elifs
- B) else if
- C) elseif
- D) elif

Answer: D

7. What is the output of: `x = 10; if x > 5: print("High") else: print("Low")`?

- A) High
- B) Low
- C) 10
- D) Error

Answer: A

8. Which of the following is a valid comparison operator in Python?

- A) `:=`
- B) `==`
- C) `<>`
- D) `=>`

Answer: B

9. What does this code print: `if 2 != 3: print("Yes") else: print("No")`?

- A) Yes

- B) No
- C) True
- D) False

Answer: A

10. Which logical operator represents OR in Python?

- A) OR
- B) ||
- C) or
- D) |

Answer: C

11. What will be the output of: if 0: print("Yes") else: print("No")?

- A) 0
- B) Yes
- C) No
- D) None

Answer: C

12. Which statement is true about Python if statements?

- A) Indentation is mandatory
- B) Curly braces are mandatory
- C) Semicolons are mandatory
- D) No indentation needed

Answer: A

13. What is the output of: if True and False: print("Yes") else: print("No")?

- A) No
- B) Yes
- C) True
- D) False

Answer: A

14. Which keyword is used to execute a block when all conditions fail?

- A) elif
- B) else
- C) finally
- D) end

Answer: B

15. What does this code print: `if 3 <= 5: print("OK") else: print("Fail")`?

- A) OK
- B) Fail
- C) 3
- D) 5

Answer: A

16. Which statement checks equality in Python?

- A) !=
- B) =
- C) ==
- D) =>

Answer: C

17. Which of the following is NOT a valid Python conditional?

- A) if
- B) unless
- C) elif
- D) else

Answer: B

18. What is the output of: `x = 4; if x % 2 == 0: print("Even") else: print("Odd")`?

- A) Even
- B) Odd
- C) 4
- D) Error

Answer: A

19. Which operator is used for NOT in Python?

- A) NOT
- B) !
- C) ~
- D) not

Answer: D

20. What will be printed by: if "a" in "apple": print("Yes") else: print("No")?

- A) Yes
- B) No
- C) Error
- D) None

Answer: A

21. Which of the following can be used as a nested if condition?

- A) if inside another if
- B) elif inside else
- C) else inside if
- D) switch-case inside if

Answer: A

22. What is the output of: if 5 >= 5: print("Equal") else: print("Not Equal")?

- A) Not Equal
- B) Equal
- C) 5

D) Error

Answer: B

23. Which operator is used to compare identity in Python?

A) is

B) ==

C) =

D) ==

Answer: A

24. Which statement executes if all previous if and elif conditions fail?

A) elif

B) else

C) if

D) finally

Answer: B

25. What does this code print: `if not True: print("No") else: print("Yes")`?

A) Yes

B) No

C) True

D) False

Answer: A

26. Which symbol is used for floor division in Python?

A) \*\*

B) /

C) %

D) //

Answer: D

27. What is the output: if 7 > 10 or 3 < 5: print("Yes") else: print("No")?

- A) No
- B) Yes
- C) True
- D) False

Answer: B

28. Which statement is true for Python indentation in if blocks?

- A) Indentation defines the block
- B) Curly braces define the block
- C) Parentheses define the block
- D) Semicolons define the block

Answer: A

29. What is the output of: if 0 == False: print("True") else: print("False")?

- A) True
- B) False
- C) 0
- D) None

Answer: A

30. Which comparison returns True if values are not equal?

- A) ==
- B) !=
- C) <=
- D) >=

Answer: B

31. What will be printed by: x = 8; if x < 10 and x > 5: print("Yes") else: print("No")?

- A) Yes
- B) No

C) 8

D) Error

Answer: A

32. Which logical operator has higher precedence in Python?

A) or

B) and

C) not

D) ==

Answer: C

33. What is the output: `if 2**3 == 8: print("Yes") else: print("No")`?

A) Yes

B) No

C) 2

D) 3

Answer: A

34. Which statement is used for alternative conditions besides if?

A) elseif

B) else if

C) elif

D) when

Answer: C

35. What is the output: `if "cat" != "dog": print("Yes") else: print("No")`?

A) Yes

B) No

C) cat

D) dog

Answer: A



36. Which of these is valid for checking membership?

- A) inside
- B) in
- C) include
- D) contains

Answer: B

37. What is printed by: if True or False: print("Yes") else: print("No")?

- A) Yes
- B) No
- C) True
- D) False

Answer: A

38. Which of the following is true about Python else block?

- A) Executes when all if/elif fail
- B) Executes when if succeeds
- C) Must follow else
- D) Optional after if

Answer: A

39. What will this code output: x = 5; if x>0: print("Pos") else: print("Neg")?

- A) Neg
- B) Pos
- C) 5
- D) Error

Answer: B

40. Which operator is used for greater than or equal comparison?

- A) >=

B) >

C) ==

D) <=

Answer: A

41. What is the output: if 10 != 5: print("Yes") else: print("No")?

A) Yes

B) No

C) 10

D) 5

Answer: A

42. Which is true for elif in Python?

A) Can follow else

B) Can appear without if

C) Must follow an if

D) Optional

Answer: C

43. What will this print: if False: print("No") else: print("Yes")?

A) Yes

B) No

C) False

D) True

Answer: A

44. Which statement correctly uses logical AND?

A) if x>0 and x<10:

B) if x>0 & x<10:

C) if x>0 && x<10:

D) if x>0 AND x<10:

Answer: A

45. What is printed by: `if 3==3: print("Equal") else: print("Not Equal")`?

- A) Not Equal
- B) Equal
- C) 3
- D) Error

Answer: B

46. Which statement checks if a value is False?

- A) `if not value:`
- B) `if value==False:`
- C) `if value!=True:`
- D) `if value=False:`

Answer: A

47. What is the output: `if 1<2 and 2<3: print("Yes") else: print("No")`?

- A) Yes
- B) No
- C) 1
- D) 2

Answer: A

48. Which of the following is correct syntax for if-else in Python?

- A) `if condition: ... else: ...`
- B) `if (condition) then ... else ...`
- C) `if condition then ... else ...`
- D) `if condition { ... } else { ... }`

Answer: A

49. What will be printed: `if 10>5: print("Yes") else: print("No")`?

A) 10

B) No

C) Yes

D) 5

Answer: C

50. Which operator is used for equality comparison?

A) ==

B) =

C) !=

D) =>

Answer: A

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