

1. What is the correct syntax of an if statement in Python?

- A) if x > 5 then:
- B) if (x > 5)
- C) if x > 5:
- D) if x > 5;

Answer: C

2. Which keyword is used for else-if condition in Python?

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

Answer: B

3. What will this code print? x = 10 if x > 5: print('Yes')

- A) Yes
- B) No
- C) Error
- D) Nothing

Answer: A

4. What will be printed? x = 3 if x > 5: print('High') else: print('Low')

- A) High
- B) Low
- C) Error
- D) Nothing

Answer: B

5. Which of the following is NOT a valid conditional operator in Python?

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

Answer: C

6. Which of these keywords marks a block of code to execute if the condition is False?

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

Answer: B

7. Which of these is the correct syntax for an elif statement?

- A) elif(x > 5)
- B) else if x > 5:
- C) elif x > 5:
- D) elseif x > 5:

Answer: C

8. What will the following code print? x = 7 if x % 2 == 0: print('Even') else: print('Odd')

- A) Even
- B) Odd
- C) 7
- D) Error

Answer: B

9. What will the output be? x = -1 if x: print('True') else: print('False')

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

Answer: A

10. Which of these values is considered False in an if condition?

- A) 0
- B) 1
- C) -1
- D) All non-zero values

Answer: A

11. Which operator is used to check equality in Python conditions?

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

Answer: B

12. What will this code print? `x = 0 if not x: print('Zero')`

- A) Zero
- B) 0
- C) Nothing
- D) Error

Answer: A

13. Which keyword is used to execute code when all previous conditions fail?

- A) end
- B) else
- C) otherwise
- D) default

Answer: B

14. What will be the output? `x = 5 if x > 10: print('A') elif x == 5: print('B') else: print('C')`

- A) A
- B) B
- C) C
- D) Error

Answer: B

15. Which of the following can be used in Python decision making?

- A) and
- B) or
- C) not
- D) All of the above

Answer: D

16. What does this code print? `x = 3 y = 4 if x < y and y > 2: print('Yes')`

- A) Yes
- B) No
- C) Error
- D) Nothing

Answer: A

17. Which of these is not a comparison operator?

- A) >

- B) <
- C) =
- D) <=

Answer: C

18. What is the result of this code? if 'a' in 'apple': print('Found')

- A) Found
- B) Error
- C) Nothing
- D) False

Answer: A

19. What will this code output? x = 10 if x != 5: print('Not Five')

- A) Not Five
- B) Error
- C) Five
- D) Nothing

Answer: A

20. Which logical operator means 'both conditions must be True'?

- A) and
- B) or
- C) not
- D) xor

Answer: A