

Multiple Choice Questions

1. Which of the following are invalid identifiers in Python?

- a. Total-sum
- ☒ b. Error
- c. Error_count
- d. None of these

2. A _____ is a sequence of one or more characters used to provide a name for a given program element.

- ☒ a. Identifier
- b. Variable
- c. String
- d. Character

3. Identify the invalid identifier below.

- ☒ a. _2017discount
- b. Profit
- c. Total-discount
- d. Totaldiscount

4. _____ are not allowed as part of an identifier.

- ☒ a. Spaces
- b. Numbers
- c. Underscore
- d. All of these

5. Identifiers may contain letters and digits, but cannot begin with a _____.

- ☒ a. Character
- ☒ b. Digit
- c. Underscore
- d. Special Symbols

6. Which is not a reserved keyword in Python?

- ☒ a. insert
- b. except
- c. import
- d. yield

7. Identify the invalid keyword below.

- a. and
- b. as
- c. while
- ☒ d. until

8. _____ is an identifier that has predefined meaning.

- a. variable
- b. identifier
- ☒ c. keyword
- d. None of these

9. Bitwise _____ operator gives 1 if one of the bit is zero and the other is 1.

- a. or
- b. and
- ☒ c. xor
- d. not

10. Guess the output of the following code.

$1 > 2$ and $9 > 6$

- ☒ a. True
- ☐ b. False
- c. Machine Dependent
- d. Error

11. How many operands are there in the following arithmetic expression?

$6 * 35 + 8 - 25$

- ☒ a. 4
- b. 3
- c. 5
- d. 8

12. How many binary operators are there in the following arithmetic expression?

$- 6 + 10 / (23 + 56)$

- a. 2
- ☒ b. 3
- c. 4
- d. 5

13. Which operator returns the remainder of the operands?

- a. /
- b. //
- ☒ c. %
- d. **

14. A _____ is a name that is associated with a value.
- ☒ a. identifier
 - b. keyword
 - c. variable
 - d. None of these
15. Guess the output of the following expression.
- `float(22//3+3/3)`
- a. 8
 - ☒ b. 8.0
 - c. -8.3
 - ☒ d. 8.333
16. What value does the following expression evaluate to?
- `2 + 9 * ((3 * 12) - 8) / 10`
- a. 27
 - ☒ b. 27.2
 - c. 30.8
 - d. None of these
17. _____ and _____ are two ways to comment in Python.
- a. Single and Multilevel comments
 - b. Single line and Double line comments
 - c. One and Many line comments
 - ☒ d. Single line and Multiline comments
18. Single-line comments start with the _____ symbol.
- ☒ a. `#`
 - b. `#`
 - c. `*`
 - d. `&`
19. Multiline comments can be done by adding _____ on each end of the comment.
- ☒ a. `"""` (triple quote)
 - b. `#` (Hash)
 - c. `$` (dollar)
 - d. `%` (modulus)
20. Python programs get structured through _____.
- a. Alignment
 - ☒ b. Indentation
 - c. Justification
 - d. None

21. In Python, Indentation is a _____ and not a matter of style.
- ☒ a. Requirement
 - b. Refinement
 - c. Not required
 - d. Not Refined
22. Which of the following is correct about Python?
- a. Python is a high-level, interpreted, interactive and object-oriented language.
 - b. Python is designed to be highly readable.
 - c. It uses English keywords frequently and has fewer syntactical constructions.
 - ☒ d. All of the above.
23. Which of the following function is used to read data from the keyboard?
- a. function()
 - b. str()
 - ☒ c. input()
 - d. print()
24. The one's complement of 60 is given by _____.
- ☒ a. -61
 - b. -60
 - c. -59
 - d. +59
25. The operators *is* and *is not* are _____.
- ☒ a. Identity Operators
 - b. Comparison Operators
 - c. Membership Operators
 - d. Unary Operators
26. In Python an identifier is _____.
- a. Machine Dependent
 - b. Keyword
 - ☒ c. Case Sensitive
 - d. Constant
27. Which of the following operator is truncation division operator?
- a. /
 - b. %
 - c. |
 - ☒ d. //

28. The expression that requires type conversion when evaluated is _____.
a. $4.7 * 6.3$
b. $1.7 \% 2$
c. $3.4 + 4.6$
d. $7.9 * 6.3$
29. The operator that has the highest precedence is _____.
a. $<<$ and $>>$
b. $**$
c. $+$
d. $\%$
30. The expression that results in an error is _____.
a. `int('10.8')`
b. `float(10)`
c. `int(10)`
d. `float(10.8)`
31. Which of the following expression is an example of type conversion?
a. $4.0 + \text{float}(3)$
b. $5.3 + 6.3$
c. $5.0 + 3$
d. $3 + 7$
32. What is the output when the following statement is executed?
`>>>print('new' 'line')`
a. Error
b. Output equivalent to print 'new\nline'
c. new line
d. newline
33. What is the output when the following statement is executed?
`print(0xD + 0xE + 0xF)`
a. Error
b. 0XD0XE0XF
c. 0X22
d. 42
34. What is the output of `print(0.1 + 0.2 == 0.3)`?
a. True
b. False
c. Error
d. Machine dependent

35. Which of the following is not a complex number?

a. $1 = 4 + 5j$

b. $1 = \text{complex}(4,5)$

c. $1 = 4 + 5i$

d. $1 = 4 + 5j$

36. Guess the output of the expression.

$x = 15$

$y = 12$

$x \& y$

a. 1101

b. b1101

c. 0b1101

d. 12

37. Incorrect Indentation results in _____.

a. IndentationError

b. NameError

c. TypeError

d. SyntaxError

38. The function that converts an integer to a string of one character whose ASCII code is same as the integer is _____.

a. $\text{chr}(x)$

b. $\text{ord}(x)$

c. $\text{eval}(x)$

d. $\text{input}(x)$