

1. Python runs on the following operating systems:
  - A. Linux
  - B. Solaris
  - C. AROS
  - D. All of these
  
2. Python is implemented in Java and relies on the extensive, well understood, portable C Libraries.
  - A. True
  - B. False
  
3. Python is built on concepts in the ABC and Modula-3 languages.
  - A. True
  - B. False
  
4. Python uses a GUI (Graphical User Interface), called the interchange, to execute code.
  - A. True
  - B. False
  
5. Which of the following are examples of text editors that can be used when creating Python programs?
  - A. NotePad
  - B. ConText
  - C. EMACS
  - D. All of these

6. Syntax highlighting means that Python's keywords are colour coded.
- A. True
  - B. False
7. Which extension does not indicate compiled source code of Python scripts?
- A. .py
  - B. .pyc
  - C. .pyd
  - D. .pym
8. Which of the following represent that a Float input is expected:
- A. 0.0
  - B. f.0
  - C. 0.
  - D. f
9. Which character which indicates the start of a single line of comment in Python?
- A. \*
  - B. &
  - C. #
  - D. //
10. Errors which will suddenly stop your program from working, or your program might not work at all; these errors are normally what type of errors:
- A. Logical
  - B. Program
  - C. Typing
  - D. Syntax
11. When your output returns wrong results, or double results, you have:
- A. Text errors
  - B. Copy paste errors
  - C. Logical errors
  - D. Mathematical errors
12. To indicate to the interpreter that a tab character must be inserted into a string, which expression would be used?
- A. \\t
  - B. \t
  - C. \tab
  - D. /tab

13. Which of the following is not a reserved words in Python?

- A. lambda
- B. error
- C. def
- D. yield

14. When program code forces the value of a variable to be converted to another value and in the process loses precision, we say that the casting is:

- A. explicit
- B. implicit
- C. code
- D. verbose

15. A pair of double precision numbers is known as:

- A. a real number
- B. an imaginary number
- C. a float number
- D. a complex number

16. Integers include negative and positive numbers.

- A. True
- B. False

17. When using strings, a placeholder can be used to indicate a variable's place in a string. Which one of the following is a valid place holder?

- A. ,
- B. \$
- C. %
- D. ~

18. Which formatting character is used to indicate a hexadecimal character?

- A. h
- B. H
- C. x
- D. F

19. The floored quotient of  $a$  and  $b$  is:

- A.  $a // b$
- B.  $a \setminus f b$
- C.  $a \% b$
- D.  $a \setminus \setminus b$

20. What method of the math module is used to truncate a given value?

- A. `math.t()`
- B. `math.trun()`
- C. `math.truncate()`
- D. `math.trunc()`

21. To negate an object's identity you would use:

- A. `!=`
- B. `=!`
- C. `is not`
- D. `!!`

22. Regexes are used for the following reasons:

- A. Parsing
- B. Searching
- C. Splitting strings
- D. Validation
- E. All of these

23. Which character matches the end of a string? The character just before the newline, in **MULTILINE** mode, also matches before a newline.

- A. `^`
- B. `%`
- C. `&`
- D. `$`

24. Which character would cause `re` to match **zero or more** occurrences of the preceding `re`?

- A. `.` (dot)
- B. `*`
- C. `+`
- D. `_`

25. `\s` matches Unicode whitespace characters (which include `[\t\n\r\f\v]`).

- A. True
- B. False

26. `e{4}` is the same as `e{4, 4}`.

- A. True
- B. False

27. `re.S` serves the same purpose as:

- A. `re.DOTALL`
- B. `re.IGNORECASE`
- C. `re.MULTILINE`
- D. `re.ASCII`

28. The `CONTINUE` and `BREAK` statements should be used within an `IF` statement to make logical sense.

- A. True
- B. False

29. The parameter is a variable name that is part of the function, and is a local variable within the function body.

- A. True
- B. False