Python Sample Test
20 single choice questions 0-50 points

1. Which command takes input from the user?

   A. get

   B. input

   C. take

   D. scan

2. How do most Python statements end?

   A. With a semicolon

   B. With a period

   C. They do not need a special ending

   D. With a comma

3. Which file extension is used for Python source code?

   A. .txt

   B. .py

   C. .html

   D. .java

4. What is the name of the function that starts a Python program?

   A. start()

   B. main()

   C. begin()

   D. There is no required starting function

5. What does the keyword `def` do?

   A. Define a variable

   B. Define a function

   C. End the program

   D. Comment a line

6. Which of the following is a correct single-line comment in Python?

   A. // comment

   B. # comment

C. ¡!– comment –¿

D. ** comment **

7. Which type stores whole numbers in Python?

    A. bool

    B. int

    C. str

    D. float

8. What does the type `str` represent?

    A. A single character

    B. A logical value

    C. Text

    D. A decimal number

9. How do you write true/false values in Python?

    A. True / False

    B. t / f

    C. 1 / 0

    D. yes / no

10. What will this print: `print("Hello")`?

    A. "Hello"

    B. hello

    C. Hello

    D. Nothing

11. What does the `+` operator do when used with two strings?

    A. Adds text numerically

    B. Concatenates (joins) text

    C. Deletes text

    D. Multiplies text

12. Which variable name is invalid in Python?

    A. avg_grade

    B. AverageGrade

    C. average grade

D. grade2

13. Chose result of the command `"hello world".split("e")[0].upper()`

    A. Hello

    B. Hello world

    C. H

    D. HELLO WORLD

14. What is the result of `3 * 2` in Python?

    A. 5

    B. 6

    C. "32"

    D. 3*2

15. What value will this produce: `flag = (5 > 2)`?

    A. 5

    B. 2

    C. True

    D. False

16. What does the `==` operator do?

    A. Assign a value

    B. Check equality

    C. Start a comment

    D. Compare length of strings

17. Which keyword is used for conditional execution?

    A. if

    B. for

    C. def

    D. import

18. Which is a correct `for` loop in Python?

    A. $\text{repeat}(i = 0; i < 10; i + +)$:

    B. make $i < 10$:

    C. for i in range(10):

    D. loop i $= 0 \rightarrow 10$

19. What does the `return` statement do?

    A. Ends a function and returns a value

    B. Prints text

    C. Creates an object

    D. Creates a class

20. What does `variable+=6` mean in Python?

    A. Increase variable only if it is positive by 6

    B. Increase variable by 6

    C. Assign value 6 to "variable+"

    D. Shift 6 bits right