

MCQ Submission Report

Candidate Information:

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Stream: Science

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Results Summary:

Total Questions: 26

Correct Answers (Raw): 26

Warnings: 0

Final Score: 26/26

Detailed Answers:

Q1: What is the output of the program if the code is `print('hello')` and saved as `myprogram.py` and executed using `python myprogram.py`?

Your Answer: hello

Correct Answer: hello

Result: Correct

Q2: Which of these is a popular web framework written in Python?

Your Answer: Django

Correct Answer: Django

Result: Correct

Q3: What is the purpose of a multi-line string enclosed in triple quotes (`'''...'''` or `"""..."""`)?

Your Answer: To serve as a multi-line comment or docstring

Correct Answer: To serve as a multi-line comment or docstring

Result: Correct

Q4: Which of the following describes Python's case sensitivity?

Your Answer: It is case-sensitive, so `MyVariable` and `myvariable` are different

Correct Answer: It is case-sensitive, so `MyVariable` and `myvariable` are different

Result: Correct

Q5: What is the common term for Python's ability to be used in various domains, from web development to scientific computing?

Your Answer: Versatility
Correct Answer: Versatility
Result: Correct

Q6: What is the output of <code>print('hello' + ' world')</code> ?
Your Answer: hello world
Correct Answer: hello world
Result: Correct

Q7: What is the function of the Python interpreter?
Your Answer: To execute Python code line by line
Correct Answer: To execute Python code line by line
Result: Correct

Q8: In Python, which of the following is not a reserved keyword?
Your Answer: main
Correct Answer: main
Result: Correct

Q9: What is the result of <code>print('Python' * 3)</code> ?
Your Answer: PythonPythonPython
Correct Answer: PythonPythonPython
Result: Correct

Q10: What is the purpose of the <code>sep</code> parameter in the <code>print()</code> function?
Your Answer: To specify the separator between items printed
Correct Answer: To specify the separator between items printed
Result: Correct

Q11: Which of these is a Python data type that can store a sequence of characters?
Your Answer: String
Correct Answer: String
Result: Correct

Q12: What happens if you omit the quotes around 'Hello, world!' in a <code>print()</code> statement, e.g., <code>print(Hello, world!)</code> ?
Your Answer: A syntax error will occur
Correct Answer: A syntax error will occur
Result: Correct

Q13: Which of these features makes Python a high-level language?

Your Answer: Its syntax is close to human language and is easy to understand

Correct Answer: Its syntax is close to human language and is easy to understand

Result: Correct

Q14: What is the correct command to execute a Python file named my_first_program.py from the terminal?

Your Answer: python my_first_program.py

Correct Answer: python my_first_program.py

Result: Correct

Q15: Which of the following is an example of an IDE (Integrated Development Environment) for Python?

Your Answer: PyCharm

Correct Answer: PyCharm

Result: Correct

Q16: How do you create a simple 'Hello, world!' program in Python?

Your Answer: print('Hello, world!')

Correct Answer: print('Hello, world!')

Result: Correct

Q17: What is the main benefit of using a simple and clean language like Python?

Your Answer: It lowers the learning curve for new programmers

Correct Answer: It lowers the learning curve for new programmers

Result: Correct

Q18: Which of these is a Python feature that simplifies the development process?

Your Answer: Its large and comprehensive standard library

Correct Answer: Its large and comprehensive standard library

Result: Correct

Q19: What is the output of the following code? print('1' + '2')

Your Answer: 12

Correct Answer: 12

Result: Correct

Q20: What does 'cross-platform' mean in the context of Python?

Your Answer: Python code can run on different operating systems

Correct Answer: Python code can run on different operating systems

Result: Correct

Q21: Which of these is a Python feature that makes it suitable for scientific computing?

Your Answer: Its powerful mathematical libraries like NumPy and SciPy

Correct Answer: Its powerful mathematical libraries like NumPy and SciPy

Result: Correct

Q22: How do you create a newline in a string literal?

Your Answer: Using the escape sequence \n

Correct Answer: Using the escape sequence \n

Result: Correct

Q23: What is the output of print('hello', 'world')?

Your Answer: hello world

Correct Answer: hello world

Result: Correct

Q24: What does the term 'open-source' mean for a programming language like Python?

Your Answer: Its source code is freely available and can be modified by anyone

Correct Answer: Its source code is freely available and can be modified by anyone

Result: Correct

Q25: Which of these is a popular data structure in Python that is an ordered, changeable, and allows duplicate members?

Your Answer: List

Correct Answer: List

Result: Correct

Q26: What is the purpose of the indentation in Python?

Your Answer: To define the scope of a block of code

Correct Answer: To define the scope of a block of code

Result: Correct