MCQ Submission Report

Candidate Information:

Name: Abhisek Choudhary

Stream: Science

Phone: 7439398980

Results Summary:

Total Questions: 25

Correct Answers (Raw): 25

Warnings: 0

Final Score: 25/25

Detailed Answers:

Q1: Who is credited with creating the Python programming language?
Your Answer: Guido van Rossum
Correct Answer: Guido van Rossum
Result: Correct

Q2: Python was officially released in which year?
Your Answer: 1991
Correct Answer: 1991
Result: Correct

Q3: Which of the following is a key characteristic of Python's design philosophy?
Your Answer: Readability and simplicity
Correct Answer: Readability and simplicity
Result: Correct

Q4: What is the primary feature that Python uses instead of curly braces {} to define code blocks?
Your Answer: Indentation
Correct Answer: Indentation
Result: Correct

Q5: What kind of programming language is Python primarily considered to be?
Your Answer: Interpreted
Correct Answer: Interpreted

Result: Correct

Q6: What does it mean for Python to be 'dynamically typed'?
Your Answer: The type of a variable is checked at runtime
Correct Answer: The type of a variable is checked at runtime
Result: Correct

Q7: What is the file extension for a Python source code file?
Your Answer: .py
Correct Answer: .py
Result: Correct

Q8: Which of these is a key feature of Python that allows it to run on different operating systems like Windows, macOS, and Linux?
Your Answer: Portability
Correct Answer: Portability
Result: Correct

Q9: What is the name of the command-line program used to execute a Python script?
Your Answer: python
Correct Answer: python
Result: Correct

Q10: Which of the following is not a common application area for Python?
Your Answer: High-performance mobile app development
Correct Answer: High-performance mobile app development
Result: Correct

Q11: What is the built-in function used to display output in Python?
Your Answer: print()
Correct Answer: print()
Result: Correct

Q12: How is a line of code commented out in Python?
Your Answer: Using the hash symbol #
Correct Answer: Using the hash symbol #
Result: Correct

Q13: What will the following code print? print('Hello')
Your Answer: Hello

Correct Answer: Hello
Result: Correct

Q14: In the program print('Hello, world!'), what is the string literal?
Your Answer: 'Hello, world!'
Correct Answer: 'Hello, world!'
Result: Correct

Q15: What would be the output of print(10)?
Your Answer: 10
Correct Answer: 10
Result: Correct

Q16: Which of the following is not a valid Python identifier (variable name)?
Your Answer: 123_variable
Correct Answer: 123_variable
Result: Correct

Q17: What is the purpose of the print() function's end parameter?
Your Answer: To specify the character(s) to be printed at the end of the output
Correct Answer: To specify the character(s) to be printed at the end of the output
Result: Correct

Q18: Which of the following statements is true about Python's standard library?
Your Answer: It is a vast collection of modules and packages that come with the Python installation
Correct Answer: It is a vast collection of modules and packages that come with the Python installation
Result: Correct

Q19: What is the correct way to write a single-line comment in Python?
Your Answer: # This is a comment
Correct Answer: # This is a comment
Result: Correct

Q20: What is the output of the following Python code? print('Python is ' + 'fun')
Your Answer: Python is fun
Correct Answer: Python is fun
Result: Correct

Q21: What is the key advantage of Python's simple syntax and readability?
Your Answer: It makes the code easier to write, debug, and maintain

Correct Answer: It makes the code easier to write, debug, and maintain
Result: Correct

Q22: What is the term for a block of code that is executed only when called?
Your Answer: Function
Correct Answer: Function
Result: Correct

Q23: What is a major reason why Python is popular in the field of Data Science?
Your Answer: It has a rich ecosystem of libraries like NumPy, Pandas, and Matplotlib
Correct Answer: It has a rich ecosystem of libraries like NumPy, Pandas, and Matplotlib
Result: Correct

Q24: Which of the following is an example of a comment in Python?
Your Answer: # This is a comment
Correct Answer: # This is a comment
Result: Correct

Q25: 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