

PYTHON QUIZ (213PCA2302)

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Score: 24 / 25 (96%)

Date & Time: 10/15/2025, 8:54:48 AM

Status: PASS

Question 1 (Attended in sequence):

Special method used to initialize object properties:

Your Answer: `__init__()`

Correct Answer: `__init__()`

- a) `__start__()`
- b) [YOUR CHOICE - CORRECT] `__init__()`
- c) `__construct__()`
- d) `__begin__()`

' CORRECT

Question 2 (Attended in sequence):

Type of keys allowed in Python dictionary:

Your Answer: Immutable only

Correct Answer: Immutable only

- a) Mutable only
- b) [YOUR CHOICE - CORRECT] Immutable only
- c) Both mutable and immutable
- d) None

' CORRECT

Question 3 (Attended in sequence):

Which function checks if an object belongs to a class or subclass?

Your Answer: `isinstance()`

Correct Answer: `isinstance()`

- a) a) `issubclass()`
- b) [YOUR CHOICE - CORRECT] `isinstance()`
- c) `type()`
- d) `id()`

' CORRECT

Question 4 (Attended in sequence):

Main benefit of polymorphism:

Your Answer: Improves flexibility and code reusability

Correct Answer: Improves flexibility and code reusability

- a) Increases execution time
- b) Reduces memory usage
- c) [YOUR CHOICE - CORRECT] Improves flexibility and code reusability
- d) Makes debugging harder

' CORRECT

Question 5 (Attended in sequence):

Correct slice for the first 3 characters of 'HelloWorld':

Your Answer: s[:3]

Correct Answer: s[:3]

- a) s[0:2]
- b) [YOUR CHOICE - CORRECT] s[:3]
- c) s[3:]
- d) s[1:4]

' CORRECT

Question 6 (Attended in sequence):

In multiple inheritance, Python resolves methods using:

Your Answer: Method Resolution Order (MRO)

Correct Answer: Method Resolution Order (MRO)

- a) Depth-first search
- b) Breadth-first search
- c) [YOUR CHOICE - CORRECT] Method Resolution Order (MRO)
- d) Random order

' CORRECT

Question 7 (Attended in sequence):

Output of the code below:

Your Answer: Pyth

Correct Answer: Pyth

- a) Pytho
- b) [YOUR CHOICE - CORRECT] Pyth
- c) on
- d) Py

' CORRECT

Question 8 (Attended in sequence):

Correct way to create an object of class Student:

Your Answer: Student.create()

Correct Answer: Student()

- a) [CORRECT ANSWER] Student()
- b) [YOUR CHOICE - WRONG] Student.create()
- c) new Student()
- d) class Student()

' INCORRECT

Question 9 (Attended in sequence):

An example of method overriding:

Your Answer: A child class redefining a method from its parent class

Correct Answer: A child class redefining a method from its parent class

- a) Writing two methods in the same class with the same name
- b) [YOUR CHOICE - CORRECT] A child class redefining a method from its parent class
- c) A method calling itself recursively
- d) A method with variable-length arguments

' CORRECT

Question 10 (Attended in sequence):

How do you call the parent class constructor inside a child class?

Your Answer: Both a and b

Correct Answer: Both a and b

- a) Parent.__init__(self)
- b) super().__init__()
- c) [YOUR CHOICE - CORRECT] Both a and b
- d) None

' CORRECT

Question 11 (Attended in sequence):

Keyword used to define a new class:

Your Answer: class

Correct Answer: class

- a) object
- b) [YOUR CHOICE - CORRECT] class
- c) def
- d) struct

' CORRECT

Question 12 (Attended in sequence):

Result of print('Python'[::-2]):

Your Answer: Pto

Correct Answer: Pto

- a) Pytho
- b) [YOUR CHOICE - CORRECT] Pto
- c) Pyo
- d) Pth

' CORRECT

Question 13 (Attended in sequence):

Output of the following code:

Your Answer: Class B

Correct Answer: Class B

- a) Class A
- b) [YOUR CHOICE - CORRECT] Class B
- c) Error
- d) None

' CORRECT

Question 14 (Attended in sequence):

Output of the code:

Your Answer: 3

Correct Answer: 3

- a) 2
- b) [YOUR CHOICE - CORRECT] 3
- c) 4
- d) Error

' CORRECT

Question 15 (Attended in sequence):

Which attribute shows the Method Resolution Order (MRO)?

Your Answer: __mro__

Correct Answer: __mro__

- a) __dict__
- b) [YOUR CHOICE - CORRECT] __mro__
- c) __bases__
- d) __class__

' CORRECT

Question 16 (Attended in sequence):

Common feature between list and tuple in Python:

Your Answer: Ordered collection

Correct Answer: Ordered collection

- a) [YOUR CHOICE - CORRECT] Ordered collection
- b) Mutable collection
- c) Unordered collection
- d) Hashable collection

' CORRECT

Question 17 (Attended in sequence):

What is an object in Python OOPs?

Your Answer: An instance of a class

Correct Answer: An instance of a class

- a) A copy of a class
- b) [YOUR CHOICE - CORRECT] An instance of a class
- c) A global variable
- d) A built-in function

' CORRECT

Question 18 (Attended in sequence):

Shared property between set and dictionary in Python:

Your Answer: Both unordered in nature

Correct Answer: Both unordered in nature

- a) Both allow duplicate elements
- b) [YOUR CHOICE - CORRECT] Both unordered in nature
- c) Both preserve insertion order
- d) Both use indexing

' CORRECT

Question 19 (Attended in sequence):

Data type resulting from division 5 / 2 in Python 3:

Your Answer: float

Correct Answer: float

- a) int
- b) [YOUR CHOICE - CORRECT] float
- c) decimal
- d) complex

' CORRECT

Question 20 (Attended in sequence):

Immutable type in Python among the following:

Your Answer: tuple

Correct Answer: tuple

- a) list
- b) dict
- c) [YOUR CHOICE - CORRECT] tuple
- d) set

' CORRECT

Question 21 (Attended in sequence):

Result after running this code:

Your Answer: THON

Correct Answer: THON

- a) PY
- b) [YOUR CHOICE - CORRECT] THON
- c) YTH
- d) HO

' CORRECT

Question 22 (Attended in sequence):

Which keyword is used for inheritance in Python?

Your Answer: class Child(Parent)

Correct Answer: class Child(Parent)

- a) extends
- b) inherits
- c) [YOUR CHOICE - CORRECT] class Child(Parent)
- d) super

' CORRECT

Question 23 (Attended in sequence):

First parameter of any instance method:

Your Answer: self

Correct Answer: self

- a) this
- b) [YOUR CHOICE - CORRECT] self
- c) cls
- d) obj

' CORRECT

Question 24 (Attended in sequence):

Polymorphism in Python is implemented through:

Your Answer: Method overloading and overriding

Correct Answer: Method overloading and overriding

- a) [YOUR CHOICE - CORRECT] Method overloading and overriding
- b) Multiple constructors only
- c) Inheritance only
- d) Encapsulation only

' CORRECT

Question 25 (Attended in sequence):

Code that reverses a string s:

Your Answer: s[::-1]

Correct Answer: s[::-1]

- a) [YOUR CHOICE - CORRECT] s[::-1]
- b) s[::-1]
- c) s[-1:0]
- d) reverse(s)

' CORRECT

SUMMARY

Total Questions in Quiz: 25

Questions Attempted: 25

Correct Answers: 24

Wrong Answers: 1

Not Attempted: 0

Final Score: 24 / 25 (96%)

Note: Questions are shown in the sequence you attended them during the quiz.