

Quiz: Final

This is the **final** assessment **quiz** for our **Python Ramzan FREE Online Course**, designed to evaluate your understanding of all key concepts covered during the program. The quiz consists of **30 MCQs**.

* Indicates required question

1. Email *

2. What is the output of `print("Starry" + "Mashy")`? *

1 point

Mark only one oval.

- ☐ StarryMashy
- ☐ Starry Mashy
- ☐ Error
- ☐ Starry + Mashy

3. Which keyword is used to define a function in Python? *

1 point

Mark only one oval.

- ☐ func
- ☐ def
- ☐ function
- ☐ define

4. What does `range(3)` generate? *

1 point

Mark only one oval.

- ☐ [0, 1, 2]
- ☐ [1, 2, 3]
- ☐ [3]
- ☐ [0, 3]

5. Which operator checks if two values are equal in Python? *

1 point

Mark only one oval.

- ☐ =
- ☐ ==
- ☐ ===
- ☐ !=

6. What is the correct way to comment a single line in Python? *

1 point

Mark only one oval.

- ☐ // Comment
- ☐ /* Comment */
- ☐ # Comment
- ☐ <!-- Comment -->

7. What is the output of `print(["Starry", "Mashy", "Ali"][-1])`? *

1 point

Mark only one oval.

- ☐ Starry
- ☐ Mashy
- ☐ Ali
- ☐ Error

8. Which method removes "Mashy" from the list ["Starry", "Mashy", "Ali"]? * 1 point

Mark only one oval.

- ☐ pop()
☐ .remove("Mashy")
☐ .delete()
☐ .discard()

9. What is the purpose of __init__ method in a class? * 1 point

Mark only one oval.

- ☐ To delete an object
☐ To initialize object attributes
☐ To print the object
☐ To inherit from another class

10. What does {"name": "Ali", "age": 18}.get("city", "Unknown") return? * 1 point

Mark only one oval.

- ☐ None
☐ Error
☐ Unknown
☐ "city"

11. Which data type is immutable? * 1 point

Mark only one oval.

- ☐ List
☐ Dictionary
☐ Tuple
☐ Set

12. What is the output of `print((lambda x: x**2)(5))` ? *

1 point

Mark only one oval.

- ☐ 2
- ☐ 25
- ☐ Error
- ☐ 10

13. Which decorator is used to define an abstract method? *

1 point

Mark only one oval.

- ☐ @staticmethod
- ☐ from abc import ABC, abstractmethod
- ☐ @abstractmethod
- ☐ @property

14. What will `"starry mashy".title()` return? *

1 point

Mark only one oval.

- ☐ "starry mashy"
- ☐ "Starry Mashy"
- ☐ Error
- ☐ None

15. What is the output of `print("Python"[1:3])` ? *

1 point

Mark only one oval.

- ☐ "Pyt"
- ☐ "yt"
- ☐ "hon"
- ☐ "Python"

16. Which method is used to add "Ali" to a set {"Starry", "Mashy"}? *

1 point

Mark only one oval.

- ☐ .append()
- ☐ .insert()
- ☐ .add("Ali")
- ☐ .update()

17. What exception is raised for `int("Ali")` ? *

1 point

Mark only one oval.

- ☐ ValueError
- ☐ TypeError
- ☐ ZeroDivisionError
- ☐ NameError

18. Which mode opens a file for reading and appending? *

1 point

Mark only one oval.

- ☐ r
- ☐ w
- ☐ a+
- ☐ x

19. What does `json.loads('{"name": "Ali"}')` return? *

1 point

Mark only one oval.

- ☐ A string
- ☐ A dictionary
- ☐ A list
- ☐ None

20. How do you handle a KeyError in a dictionary? *

1 point

Mark only one oval.

- ☐ try-except
- ☐ if-else
- ☐ while loop
- ☐ raise

21. Which method reads all lines from a file into a list? *

1 point

Mark only one oval.

- ☐ .read()
- ☐ .readlines()
- ☐ .readline()
- ☐ .write()

22. What is the output of `print(bool(0))` ? *

1 point

Mark only one oval.

- ☐ False
- ☐ True
- ☐ Error
- ☐ None

23. Which keyword is used to skip an iteration in a loop? *

1 point

Mark only one oval.

- ☐ stop
- ☐ break
- ☐ continue
- ☐ return

24. What does "Starry Mashy".split() return? *

1 point

Mark only one oval.

- ☐ "Starry Mashy"
- ☐ ["Starry", "Mashy"]
- ☐ "S", "M"
- ☐ Error

25. Which module is used for mathematical operations? *

1 point

Mark only one oval.

- ☐ import maths
- ☐ mathematics
- ☐ math
- ☐ maths

26. What is the output of `print([x*2 for x in range(2)])` ? *

1 point

Mark only one oval.

- ☐ (0, 2)
- ☐ [0, 2]
- ☐ {0, 2}
- ☐ "02"

27. Which HTTP method is used to send data to an API? *

1 point

Mark only one oval.

- ☐ POST
- ☐ GET
- ☐ DELETE
- ☐ PUT

28. What is the purpose of *pip install requests*? *

1 point

Mark only one oval.

- ☐ To create virtual environments
- ☐ To make HTTP requests
- ☐ To handle files
- ☐ To debug code

29. Which Git command stages all changes? *

1 point

Mark only one oval.

- ☐ git commit -a
- ☐ git add .
- ☐ git commit all
- ☐ git commit all_files

30. Which tool converts a Python script to a standalone executable? *

1 point

Mark only one oval.

- ☐ Docker
- ☐ PyInstaller
- ☐ Kubernetes
- ☐ FastAPI

31. What does this code accomplish?

* 1 point

```
history = "Shayan was my past"
```

```
future = history.replace("past", "future").replace("Shayan",  
"Ali").replace("was", "is")
```

Mark only one oval.

- ☐ Returns the original string unchanged
- ☐ Creates the string: "Ali is my future"
- ☐ Produces an error due to chained methods
- ☐ Outputs: "Shayan is my past"

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