

Final Test Summary

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Your Marks: 70%

Evaluation Guide☒ Attempted Answer Correct☒ Attempted Answer Wrong

N.A Question not attempted.

1. Which of following operators checks equality of two operands?

(1 Mark)

a. =

☒ b. ==

c. Both = and ==

2. Which of the following keywords does not use the 'else' keyword?

(2 Marks)

a. if

b. for

c. while

☒ d. def

3. What is true about __init__() method?

(3 marks)

a. It is a constructor

b. It is a magic method

☒ c. Both a and b

4. Which of the following values cannot be used as key in a dictionary object?

(1 Mark)

a. 5+6j

☒ b. (5,6j)

c. [5,6j]

Correct Answer : c

5. What is a cursor in the context of database programming?

(2 Marks)

a. It is an indicator showing the current position for user interaction.

☒ b. It acts as a handle for a given SQL query using which records are traversed.

c. It stores a list of rows in a table.

6. What is the output of the following code snippet?

(3 marks)

```
def func(word, num = 1):  
    print(word * num)
```

```
func('Pokemon')  
func('Go', 3)
```

- a. Pokemon
Go
- b. Pokemon
Go3
- ☒ c. Pokemon
GoGoGo
- d. Error

7. Which of the following is not a RDBMS software?

(1 Mark)

- a. MS Excel
- b. DB2
- ☒ c. MS Access
- d. Oracle

Correct Answer : a

8. What is the output of the following statement?

(2 Marks)

```
>>>3**3
```

- a. 9
- b. 1
- ☒ c. 27

9. Is the following list valid?

(3 marks)

```
pages=[11, 13, 15, (37, 21, 43), 17, 19, 21]
```

- ☒ a. Yes, it is valid.
- b. No, it is not valid.

10. Indicate whether the following statement is True or False.

(1 Mark)

MSDOS is a GUI based operating system

- a. True
- ☒ b. False

11. What is the result of the following statements?

(2 Marks)

```
>>> var="Internshala"  
>>> var.index("H")
```

- a. 8
- ☒ b. 7
- c. 0
- d. Error

Correct Answer : d

12. In order to overload == operator, which magic method must be overridden?

(3 marks)

- a. __comp__()
 - ☒ b. __eq__()
 - c. __equal__()
 - d. __ne__()
-

13. In object oriented programming methodology, object is

(1 Mark)

- a. Definition of class
 - ☒ b. Instance of class
 - c. Both a and b
 - d. None of the above
-

14. What is not true about form layout?

(2 Marks)

- ☒ a. Widgets can be arranged in three columns
 - b. Each widget has either LabelRole or FieldRole
 - c. Widgets in first column assume LabelRole
 - d. Form layout can be nested inside a Box layout
-

15. What is the purpose of the clear() method in a dictionary?

(3 marks)

- a. Removes the string items from the dictionary.
 - b. Removes the dictionary from the memory.
 - ☒ c. Removes all the key-value pairs from the dictionary while retaining the object.
 - d. Removes all the values from the dictionary while retaining the keys.
-

16. A variable called Team is assigned the value Sri Lanka . It is possible to re-assign the value 8 to the same variable.

(1 Mark)

- ☒ a. True
 - b. False
-

17. Instance variables and methods in Python class are:

(2 Marks)

- ☒ a. Public by default
 - b. Private by default
 - c. Protected by default
 - d. These terms are not applicable in python.
-

18. What is the output of the following statements?

(3 marks)

```
>>>str="python"
>>>str[:2]
>>>
```

- a. py
- ☒ b. pyt
- c. on
- d. thon

Correct Answer : a

19. What is the result of the following statement?

(1 Mark)

10>20 and 35>25

- a. True
 - ☒ b. False
-

20. What is the purpose of the 'break' statement?

(2 Marks)

- ☒ a. To terminate a loop
 - b. To restart a loop
 - c. To create an infinite loop
 - d. To skip the following statement and restart the loop
-

21. Which of the following expressions is the same as `math.exp(x)`?

(3 marks)

- a. `x*x`
- b. `x**x`
- c. `math.e**x`
- ☒ d. `e**x`

Correct Answer : c

22. Is this statement true or false?

(1 Mark)

A list object can contain a tuple as one of the items.

- ☒ a. True
 - b. False
-

23. In the following list, what is the result of using the function, sort()?

(2 Marks)

['one', 'four', 'three', 'two']

- a. ['four', 'three', 'two', 'one']
 - ☒ b. ['four', 'one', 'three', 'two']
 - c. ['one', 'two', 'three', 'four']
-

24. Which of the following widgets would you use on a form for indicating the gender?

(3 marks)

Gender Male | Female

- a. Checkbox
 - ☒ b. Radio button
 - c. Push button
 - d. Label
-

25. Which of following objects is not a valid declaration for dictionary?

(1 Mark)

- a. D1={(1,2):10}
- b. D1=[(1,2):10}
- ☒ c. D1={len([1,2]):10}

Correct Answer : b

26. In PyQt, what is a slot?

(2 Marks)

- a. It is the location at which a widget is placed on the form
 - ☒ b. It is an event handler to which the signal is connected
 - c. It is a Python function
-

27. When is the value of the module attribute, __name__ equal to 'main'?

(3 marks)

- a. When it is executed from the interpreter.
- ☒ b. When it is imported by another script.
- c. When it is the first module in a package.

Correct Answer : a

28. What is the correct method to delete a key-value pair in a dictionary?

(1 Mark)

- ☒ a. del operator
- b. pop()
- c. Either del operator or pop() can be used

Correct Answer : c

29. Which function should be used to change 'how are you?' to 'How Are You?' ?

(2 Marks)

- a. capitalize()
 - ☒ b. title()
 - c. lower()
 - d. upper()
-

30. Which of the following results is correct?

(3 marks)

- a. `>>>15%6`
2
- ☒ b. `>>>15/6`
2
- c. `>>>15//6`
2

Correct Answer : c

PREV