

Module Test Summary

Your Marks: 73%

Evaluation Guide☒ Attempted Answer Correct☐ Attempted Answer Wrong

N.A Question not attempted.

1. Which of the following is the correct syntax of inheritance? (1 Mark)

a. class derived(class base):

☒ b. class derived(base):

c. def class derived(base):

d. None of the above

2. What is self? (2 Marks)

☐ a. It is a variable.

b. It is a class attribute.

c. It is reference to object which calls an instance method.

d. It is a built-in function in python

Correct Answer : c

3. Which library function shows list of magic methods inherited from object class? (3 marks)

a. str()

☒ b. dir()

c. magic()

d. None of the above

4. To overload an operator corresponding magic method should be (1 Mark)

a. Inherited

☒ b. Overridden

c. Overloaded

5. What is not true about a getter method? (2 Marks)

a. Retrieves value of instance variable

- ☒ b. Prints value of instance variable
- c. Its name starts with 'get'
- d. It is an instance method

Correct Answer : c

6. What is not true about overriding in Python?

(3 marks)

- a. Redefining a base class method in inherited class is called method overriding
 - b. Overriding is essential feature of object oriented language.
 - ☒ c. Overridden method must have same number of arguments as base class method of same name.
 - d. All the above statements are true.
-

7. Mechanism of designing a new class based on one or more existing classes is called

(1 Mark)

- a. Overriding
- b. Inheritance
- ☒ c. Polymorphism
- d. None of these

Correct Answer : b

8. What is not true about overriding?

(2 Marks)

- a. Overriding can occur in case of inheritance of classes.
- b. It is a process of introducing new method in inherited class
- ☒ c. It is a process of redefining inherited method in child class
- d. It is not mandatory to override a base class method in inherited class

Correct Answer : b

9. class book:

(3 marks)

```
def __init__(self):  
    self.name="Python Programming"  
    self.price=200  
b1=book()
```

Based on the above, which of the following statements is correct?

- ☒ a. print (b1.price)
 - b. print (book.__price)
 - c. print(_book.__price)
 - d. print(b1._book__price)
-

10. Which of the following is a feature of object oriented programming?

(1 Mark)

- a. Data encapsulation
 - b. Inheritance
 - c. Polymorphism
 - ☒ d. All of the above
-

11. Choose incorrect option.

(2 Marks)

- a. Class method is defined with @classmethod decorator
 - b. Class method is defined inside a class
 - c. Class method can access only class attributes
 - ☒ d. Class method has one argument called self
-

12. What is not true about class attribute?

(3 marks)

- ☒ a. It is defined in __init__() method.
 - b. Its definition is not present inside any method
 - c. It is accessible by name of class
 - d. All options above are true
-

13. Which of the following is not a procedure oriented language?

(1 Mark)

- a. C
 - ☒ b. FORTRAN
 - c. Java
 - d. PASCAL
-

Correct Answer : c

14. A class may contain

(2 Marks)

- a. Instance attributes and instance methods
 - b. class attributes and class methods
 - c. only a
 - ☒ d. both a and b
-

15. The __add__() method

(3 marks)

- a. Returns addition of two numbers
- b. Overloads + operator
- ☒ c. Should be overridden to overload + operator

d. None of the above

PREV

NEXT

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