What are the methods which begin and end with two underscore characters called?

Select one:

○ a. Additional methods

○ b. In-built methods

● c. Special methods

○ d. User-defined methods

Clear my choice

What will be the output of the following Python code?

```
class Demo:
    def __init__(self):
        pass

    def test(self):
        print(__name__)

obj = Demo()
obj.test()
```

Select one:

● a. __main__

○ b. Exception is thrown

○ c. test

○ d. Demo

Question 13

Answer saved

Marked out of 3

⚑ Flag question

What will be the output of the following Python code?

```python
class stud:
    'Base class for all students'
    def __init__(self, roll_no, grade):
        self.roll_no = roll_no
        self.grade = grade
    def display (self):
        print("Roll no : ", self.roll_no,  ", Grade: ", self.grade)
print(student.__doc__)
```

Select one:

○ a. Base class for all students

○ b. __main__

◉ c. Exception is thrown

○ d. Nothing is displayed

Clear my choice

Question 14

Answer saved

Marked out of 1

⚑ Flag question

Which is the correct operator for power(xy)?

Select one:

○ a. None of the mentioned

◉ b. X**y

○ c. X^y

○ d. X^^y

Clear my choice

Question 15

Answer saved

Marked out of 1

⚑ Flag question

The assignment of more than one function to a particular operator is _____

Select one:

○ a. Operator over-assignment

○ b. Operator instance

○ c. Operator overriding

◉ d. Operator overloading

What is the result of running the following python program?

```
1. def increment_items(L, increment):

2.     i = 0

3.     while i < len(L):

4.         L[i] = L[i] + increment

5.         i = i + 1

6.

7. values = [1, 2, 3]

8. print(increment_items(values, 2))

9. print(values)
```

Select one:

○ a. [3, 4, 5]
       [1, 2, 3]

⦿ b. None
       [3, 4, 5]

○ c. [3, 4, 5]
       None

○ d. None
       [1, 2, 3]

```python
1. def addItem(listParam):
2.     listParam += [1]
3.
4. mylist = [1, 2, 3, 4]
5. addItem(mylist)
6. print(len(mylist))
```

Select one:

○ a. 4

◉ b. 5

○ c. 8

○ d. 1

Clear my choice

What will be the output of the following Python code?

```python
x = ['ab', 'cd']
for i in x:
    i.upper()
print(x)
```

Select one:

○ a. none of the mentioned

○ b. [None, None]

◉ c. ['ab', 'cd']

○ d. ['AB', 'CD']

Question 19

Answer saved

Marked out of 1

⚑ Flag question

Which of the following is an invalid variable?

Select one:

- ○ a. _
- ● b. 1st_string
- ○ c. my_string_1
- ○ d. foo

Clear my choice

Question 20

Answer saved

Marked out of 1

⚑ Flag question

What will be the output of the following Python code?

```
1. list1 = [1, 2, 3, 4]
2. list2 = [5, 6, 7, 8]
3.
4. print(len(list1 + list2))
```

Select one:

- ○ a. 2
- ○ b. 5
- ○ c. 4
- ● d. 8

Clear my choice

Question 21

Answer saved

Marked out of 1

🏳 Flag question

What will be the value of X in the following Python expression?

```
X = 2+9*((3*12)-8)/10
```

Select one:

○ a. 28.4

○ b. 30.0

○ c. 30.8

● d. 27.2

Clear my choice

Question 22

Answer saved

Marked out of 1

🏳 Flag question

_____ represents an entity in the real world with its identity and behaviour.

Select one:

● a. An object

○ b. A class

○ c. An operator

○ d. A method

Clear my choice

Question 23

Answer saved

Marked out of 1

🏳 Flag question

What is Instantiation in terms of OOP terminology?

Select one:

○ a. Deleting an instance of class

● b. Creating an instance of class

○ c. Modifying an instance of class

○ d. Copying an instance of class

Which of the following cannot be a variable?

Select one:

◉ a. in

○ b. it

○ c. __init__

○ d. on

Clear my choice

What will be the output of the following Python code?

```
class test:
    def __init__(self,a="Hello World"):
        self.a=a

    def display(self):
        print(self.a)
obj=test()
obj.display()
```

Select one:

○ a. The program has an error display function doesn't have parameters.

○ b. Nothing is displayed.

◉ c. "Hello World" is displayed.

○ d. The program has an error because constructor can't have default arguments.

Question 1

Which of the following is invalid?

Select one:

- ○ a. __str__ = 1

- ○ b. _a = 1

- ⦿ c. none of the mentioned

- ○ d. __a = 1

Clear my choice

Question 2

```
x = 2
for i in range(x):
    x += 1
    print (x)
```

Select one:

- ○ a. 0 1 2 3 4 …

- ○ b. 0 1 2 3

- ⦿ c. 3 4

- ○ d. 0 1

Clear my choice

Question 3

_ _ _ _ _ is used to create an object.

Select one:

- ○ a. User-defined functions

- ⦿ b. Class

- ○ c. Constructor

What will be the output of the following Python code?

```python
class stud:
    def __init__(self, roll_no, grade):
        self.roll_no = roll_no
        self.grade = grade
    def display (self):
        print("Roll no : ", self.roll_no,   ", Grade: ", self.grade)
stud1 = stud(34, 'S')
stud1.age=7
print(hasattr(stud1, 'age'))
```

Select one:

○ a. False

○ b. 7

◉ c. True

○ d. Error as age isn't defined

Clear my choice

Is Python case sensitive when dealing with identifiers?

Select one:

○ a. none of the mentioned

◉ b. Yes

○ c. machine dependent

○ d. No

Clear my choice

Question 6

Answer saved

Marked out of 1

⚑ Flag question

Which of the following Python code creates an empty class?

Select one:

- ⦿ a. `class A:`
        `pass`

- ○ b. It is not possible to create an empty class

- ○ c. `class A:`

- ○ d. `class A:`
        `return`

Clear my choice

Question 7

Answer saved

Marked out of 2

⚑ Flag question

What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)

    i + = 1
```

Select one:

- ○ a. 1 2 3

- ⦿ b. 1 2

- ○ c. none of the mentioned

- ○ d. error

Clear my choice

Question 8

Answer saved

Marked out of 2

⚑ Flag question

What will be the output of the following Python code?

```
class test:
    def __init__(self):
        self.variable = 'Old'
        self.Change(self.variable)
    def Change(self, var):
        var = 'New'
obj=test()
print(obj.variable)
```

Select one:

○ a. Nothing is printed

○ b. 'New' is printed

○ c. Error because function change can't be called in the __init__ function

◉ d. 'Old' is printed

Clear my choice

Question 9

Answer saved

Marked out of 1

⚑ Flag question

What is the answer to this expression, 22 % 3 is?

Select one:

◉ a. 1

○ b. 5

○ c. 7

○ d. 0

Clear my choice

Question 10

Answer saved

Marked out of 1

⚑ Flag question

Mathematical operations can be performed on a string.

Select one:

○ True

◉ False