

QB365 Question Bank Software Study Materials

Python Classes and Objects 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Computer Science

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Which of the following are the key features of an Object Oriented Programming language?
(a) Constructor and Classes (b) Constructor and Object **(c) Classes and Objects** (d) Constructor and Destructor
- 2) Functions defined inside a class:
(a) Functions (b) Module **(c) Methods** (d) section
- 3) Class members are accessed through which operator?
(a) & **(b) .** (c) # (d) %
- 4) Which of the following method is automatically executed when an object is created?
(a) __object__() (b) __del__() (c) __func__() **(d) __init__()**
- 5) A private class variable is prefixed with
(a) __ (b) && (c) ## (d) **
- 6) Which of the following method is used as destructor?
(a) __init__() (b) __dest__() (c) __rem__() **(d) __del__()**
- 7) Which of the following class declaration is correct?
(a) class class_name (b) class class_name < > **(c) class class_name:** (d) class class_name[]
- 8) Which of the following is the output of the following program?
class Student:
def __init__(self, name):
self.name=name
print (self.name)
S=Student("Tamil")
(a) Error **(b) Tamil** (c) name (d) self
- 9) Which of the following is the private class variable?
(a) __num (b) ##num (c) \$\$num (d) &&num
- 10) The process of creating an object is called as:
(a) Constructor (b) Destructor (c) Initialize **(d) Instantiation**
- 11) Which of the following is not an object oriented language?
(a) C (b) C++ (c) Java (d) Python
- 12) Which of the following called as instances of a class or class variable?
(a) Methods **(b) Objects** (c) Functions (d) Datatypes
- 13) Functions of the class are called as
(a) Methods (b) Members (c) Variables (d) Loog

- 14) In Python, every class name followed by
 (a) ; (b) :: (c) .
- 15) Which of the following with a valid class definition?
 (a) Class classname () staternent_1 (b) Class classname :: statement_1 **(c) Class classname statement_1**
 (d) Class classname staternent_1
- 16) Which of the following is valid syntax for crating objects?
 (a) objectname = classname () (b) objectname: classname () **(c) objectname = classname**
 (d) classname = Objectname ()
- 17) Which of the operator used to accessing members of the class?
(a) . (b) ; (c) ,
- 18) Which of the following can be accessed by using object with dot (.) operator?
 (a) List (b) Tuples (c) Dictionary **(d) None of these**
- 19) Which of the following is valid syntax of accessing class members
 (a) objectname = classmember () **(b) objectname.classmember ()** (c) objectname.classmember
 (d) objectname.classmember
- 20) Write the output for the following

```
class test
x, y = 10,5
s=test ()
print (s. x + s. y)
```

 (a) 10 (b) 5 **(c) 15** (d) 105
- 21) Which position of the argument named self in python class method?
(a) First (b) Second (c) Third (d) Last
- 22) Which of the following argument values automatically by python?
(a) self (b) this (c) class (d) object
- 23) How many argument can be taken by Python method even when a method is defined with one argument?
 (a) 1 (b) 3 **(c) 2** (d) 4
- 24) In Python, which function will act as a constructor?
 (a) int (b) inti (c) classname **(d) init**
- 25) In Python, constructor must begin and end with
(a) __ and __ (b) _ and _ (c) ++ and ++ (d) + - and - +
- 26) Which of the following is sed to initialize the class variables?
 (a) Destructor (b) Object **(c) Constructor** (d) Classmember
- 27) Which of the following gets executed automatically when an object exit from the scope?
(a) Destructor (b) Constructor (c) Class (d) Object
- 28) By default, the class variables are
 (a) Private **(b) Public** (c) Protected (d) Method

- 29) Which of the following is a valid private variable in python?
 (a) -i (b) .i - (c) --i (d) i - -
- 30) Which of the following variables can be accessed only within the class?
 (a) Protected (b) Public (c) Private (d) **None of these**
- 31) _____ and _____ are the key features of object oriented programming.
 (a) List and tuples (b) Set and dictionary (c) **Classes and objects** (d) Variables and methods
- 32) _____ is the main building block in python.
 (a) Objects (b) Methods (c) Constructors (d) **Class**
- 33) Class is a template for the _____
 (a) Method (b) Members (c) **Object** (d) Destructor
- 34) _____ may be a variable declaration, decision control, loop or even a function definition.
 (a) Class members (b) Class instantiation (c) Class method (d) **Class definition**
- 35) In Python, a class is defined by using the _____ class.
 (a) Operator (b) Identifier (c) Object (d) **Keyword**
- 36) In Python, the class method must name the first argument named as _____
 (a) this (b) new (c) **self** (d) var
- 37) Constructor must begin and with double _____
 (a) Colon (b) Semicolon (c) Dot (d) **Underscore**
- 38) In Python, _____ method is used as destructor.
 (a) -- init -- () (b) **-- des -- ()** (c) -- del -- () (d) -- destructor -- ()
- 39) A variable prefixed with _____ become private in nature.
(a) double underscore (b) double colon (c) double dot (d) double hyphen
- 40) _____ that act on those data.
 (a) Class (b) Statement (c) **Function** (d) Program
- 41) _____ are also called as instances of a class or class variable.
 (a) Variable (b) Constructors (c) **Objects** (d) Functions
- 42) All string Variables are also object of class _____
 (a) int (b) **string** (c) function (d) numeric
- 43) Every class has a unique name followed by a _____.
 (a) ; (b) , (c) " " (d) **:**
- 44) How the functions are referred?
 (a) Data (b) Constant (c) Variable (d) **Methods**
- 45) The class method must have the first argument named as _____.
(a) self (b) variable (c) class (d) function
- 46) The variables which are defined inside the class is _____ by default.

(a) public (b) private (c) protected (d) none of the above

47) The variables that can be accessed anywhere in the program are called _____.

(a) private **(b) public** (c) constructor (d) destructor

48) Which operator is used to refer the private members?

(a) dot (b) double quote (c) comma **(d) double underscore**

49) Constructor must begin and end with _____.

(a) double quote (b) colon **(c) double underscore** (d) comma

50) Which of the following is the output of the following program?

class Student:

```
    def __init__(self, name):
```

```
        self.name=name
```

```
        print (self.name)
```

```
S=Student("Tamil")
```

(a) Error **(b) Tamil** (c) Name (d) Self