

QB365 Question Bank Software Study Materials

Python Functions 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) A named blocks of code that are designed to do one specific job is called as
(a) Loop (b) Branching **(c) Function** (d) Block
- 2) A Function which calls itself is called as
(a) Built-in **(b) Recursion** (c) Lambda (d) return
- 3) Which of the following keyword is used to begin the function block?
(a) define (b) for (c) finally **(d) def**
- 4) Which function is called anonymous un-named function?
(a) Lambda (b) Recursion (c) Function (d) define
- 5) Which of the following keyword is used to exit a function block?
(a) define **(b) return** (c) finally (d) def
- 6) While defining a function which of the following symbol is used.
(a) ; (semicolon) (b) . (dot) **(c) : (colon)** (d) \$ (dollar)
- 7) In which arguments the correct positional order is passed to a function?
(a) Required (b) Keyword (c) Default (d) Variable-length
- 8) **Read the following statement and choose the correct statement(s).**
(I) In Python, you don't have to mention the specific data types while defining function.
(II) Python keywords can be used as function name.
(a) I is correct and II is wrong (b) Both are correct (c) I is wrong and II is correct (d) Both are wrong
- 9) Pick the correct one to execute the given statement successfully.
if ____ : print(x, " is a leap year")
(a) x%2=0 **(b) x%4==0** (c) x/4=0 (d) x%4=0
- 10) Which of the following keyword is used to define the function testpython(): ?
(a) define (b) pass **(c) def** (d) while
- 11) How many types of functions are there in python?
(a) 3 **(b) 4** (c) 2 (d) 5
- 12) Find the odd man out
(a) User defined (b) Built in (c) Recursion **(d) Parameters**
- 13) Which of the following are the values pass to the function parameters?
(a) Variables **(b) Arguments** (c) Definitions (d) Identifiers
- 14) Which of the following is used to define variable-length arguments?

(a) * (b) \$ (c) # (d) //

15) Which of the following keyword is used to define anonymous function?

(a) Def (b) Alpha (c) **Lambda** (d) Range

16) Which function is mostly used for creating small and one time anonymous function?

(a) Synchronous (b) **Lambda** (c) User-defined (d) Built-in

17) Which of the following statement causes your function to exit?

(a) break (b) pass (c) print (d) **return**

18) What is the output for the following code

```
def loc():  
y="2"  
loc()  
print (y)
```

(a) loc() (b) 2 (c) y (d) **error**

19) Defining a variable outside a function, its _ by default.

(a) local (b) **global** (c) function (d) operands

20) Print (bin(5)) displays

(a) 5 (b) 101 (c) **0b101** (d) 1010b

21) print (type ('a')) displays

(a) < class 'char' > (b) < class 'bool' > (c) **< class 'str' >** (d) < class 'string' >

22) Which of the following function return the address of the object in memory?

(a) address () (b) object () (c) **id ()** (d) format ()

23) The default precision of fixed point constant is

(a) 7 (b) **6** (c) 8 (d) 16

24) Which of the following function returns computation of a ** b?

(a) **pow ()** (b) id () (c) format () (d) type ()

25) _____ makes your program easier to write, read test and fix errors.

(a) **Functions** (b) List (c) Tuples (d) Loops

26) A block within a block is called _____ block.

(a) **Nested** (b) Compressed (c) Control (d) Called

27) _____ of variable refers to the part of the program, where it is accessible.

(a) return (b) **scope** (c) definition (d) argument

28) The _____ keyword used to read and write a global variable inside a function.

(a) **global** (b) local (c) return (d) def

29) _____ works like loop.

(a) Function (b) **Recursion** (c) Composition (d) Specification

30) _____ is applied in any recursive function is known as base condition.

(a) Finite iteration (b) Default arguments (c) Keyword arguments (d) **Infinite iteration**

- 31) Functions defined by the user themselves called as _____ functions.
 (a) built-in (b) **user defined** (c) lambda (d) recursion
- 32) Function blocks begin with the keyword _____.
 (a) funct () (b) fun () (c) **"def"** (d) function ()
- 33) _____ implements code reuse.
 (a) Variable (b) **Function** (c) Constant (d) String
- 34) _____ of variable refers to the part of the program, where it is accessible.
 (a) Function (b) Array (c) String (d) **Scope**
- 35) A Variable declared inside the functions body is known as _____.
 (a) Global Variable (b) **Local variable** (c) Variable (d) Constant
- 36) Use of _____ keyword outside a function has no effect.
 (a) Local (b) Statement (c) String (d) **Global**
- 37) Choose the incorrect pair.
 (a) abs () - absolute value (b) ord () - inverse of chr () (c) chr () - inverse of ord () (d) **bin () - minimum value**
- 38) `y = 'a'` print (type (Y))
 (a) < class 'float' > (b) < class 'chr' > (c) **< class 'str' >** (d) < class 'alpha' >
- 39) _____ returns the minimum value in a list.
 (a) abs () (b) type () (c) id () (d) **min ()**
- 40) `Y = 25`
`print ('y =', format (y, '0'))`
 (a) **Y = 31** (b) Y : 31 (c) Y - value = 31 (d) Y is 31
- 41) _____ returns the nearest integer to its input.
 (a) abs () (b) **round ()** (c) type () (d) max ()
- 42) `a = 5` Line 1
`b=2` Line 2
`c=3.0` Line 3
`print (Pow (a, (b)))` Line 4
`print (Pow (a, (c)))` Line 5
`print (Pow (a+b,3))` Line 6
`print (Pow(a+b, (c)))`Line 7
 What is the output of print (pow (a c))?
 (a) 125 (b) **125.0** (c) 15.0 (d) 15
- 43) `a = 5` Line 1
`b=2` Line 2
`c=3.0` Line 3
`print (Pow (a, (b)))` Line 4
`print (Pow (a, (c)))` Line 5
`print (Pow (a+b,3))` Line 6
`print (Pow(a+b, (c)))`Line 7
 What is the output of print (pow(a+b, c))?
 (a) 343 (b) **343.0** (c) 125 (d) 8

- 44) a = 30
b = 49
c = 25.5
print (math. sqrt (a))
print (math. sqrt (b))
print (math. sqrt (c))
What is the output of print (math.sqrt(b))?
(a) 7 (b) **7.0** (c) -7 (d) -7.0
- 45) a = 30
b = 49
c = 25.5
print (math. sqrt (a))
print (math. sqrt (b))
print (math. sqrt (c))
What is the output of the print (math. sqrt (c))?
(a) -5.0479 (b) **5.0497** (c) -5 (d) 5
- 46) Choose the odd one out:
(a) ceil () (b) floor () (c) **type ()** (d) round ()
- 47) Choose the odd one out:
(a) min () (b) max () (c) round () (d) **bin ()**
- 48) Match the following:
i) Required Argument - arguments is improper order
ii) Keyword Arguments - asterisk symbol
iii) Default argument - Correct Positional order
iv) Variable length arguments - default value
(a) 1-2-3-4 (b) 4-3-2-1 (c) **3-1-4-2** (d) 4-2-1-3
- 49) In Python, statements block are written with _____.
(a) Margin (b) Space (c) **Indentation** (d) Capital letter
- 50) Which statement causes the function to exit?
(a) back (b) **return** (c) end (d) stop