

1. Which keyword is used to define a function in Python?

- A) func
- B) define
- C) def
- D) function

Answer: C

2. What is the correct syntax of a Python function?

- A) def myFunc[]:
- B) def myFunc():
- C) function myFunc():
- D) def: myFunc()

Answer: B

3. Which keyword is used to return a value from a function?

- A) break
- B) return
- C) yield
- D) pass

Answer: B

4. What is the default return value of a function that does not return anything?

- A) 0
- B) False
- C) None
- D) Empty string

Answer: C

5. Which of these is a valid function call?

- A) myFunc[]
- B) myFunc()
- C) call myFunc
- D) myFunc

Answer: B

6. Which statement is used for an empty function body?

- A) skip
- B) null
- C) pass
- D) continue

Answer: C

7. Which is true about Python functions?

- A) They must return values
- B) They can return None
- C) They cannot be empty
- D) They must have arguments

Answer: B

8. What will be printed?

```
def greet():  
    print("Hello")  
greet()
```

- A) Nothing
- B) Hello
- C) greet
- D) Error

Answer: B

9. What will be printed?

```
def add(x,y):  
    return x+y  
print(add(2,3))
```

- A) 2
- B) 5
- C) 23
- D) Error

Answer: B

10. Which keyword is used to specify no action?

- A) continue
- B) pass
- C) break
- D) skip

Answer: B

11. Which of the following is a built-in function in Python?

- A) len()
- B) def()
- C) main()

D) func()

Answer: A

12. What is the output?

```
def myFun():
```

```
    return
```

```
print(myFun())
```

A) None

B) 0

C) Error

D) Nothing

Answer: A

13. Which is a correct way to define a function with parameters?

A) def func(x,y):

B) def func(x;y):

C) def func[x,y]:

D) def func{x,y}:

Answer: A

14. What is the output?

```
def myFun(x=10):
```

```
    print(x)
```

```
myFun()
```

A) 0

B) 10

C) None

D) Error

Answer: B

15. Which of these functions will print 15?

```
def sum(x,y=5):
```

```
    return x+y
```

A) print(sum(10))

B) print(sum(10,5))

C) Both A and B

D) None

Answer: C

16. Which is the correct scope rule in Python?

- A) Local → Enclosing → Global → Built-in
- B) Global → Local → Enclosing → Built-in
- C) Local → Global → Built-in
- D) Built-in → Global → Local

Answer: A

17. Which of these functions returns the largest number?

- A) min()
- B) max()
- C) sum()
- D) big()

Answer: B

18. Which is correct about arguments?

- A) Required arguments must be before default arguments
- B) Default arguments must be before required arguments
- C) Order does not matter
- D) Default arguments cannot exist

Answer: A

19. Which function returns the number of elements in a list?

- A) length()
- B) size()
- C) len()
- D) count()

Answer: C

20. Which keyword is used to specify a function without implementation?

- A) def
- B) pass
- C) continue
- D) skip

Answer: B

21. Which is true about Python functions?

- A) Functions must take arguments
- B) Functions can take zero arguments
- C) Functions must always return values
- D) Functions cannot be nested

Answer: B

22. Which function returns absolute value?

- A) abs()
- B) absolute()
- C) mod()
- D) val()

Answer: A

23. Which function returns power of a number?

- A) pow()
- B) power()
- C) exp()
- D) raise()

Answer: A

24. Which function returns quotient and remainder?

- A) div()
- B) split()
- C) divmod()
- D) part()

Answer: C

25. Which is correct about global variables?

- A) Defined inside functions
- B) Available only in functions
- C) Defined outside all functions
- D) Must use global keyword always

Answer: C

26. What will be printed?

```
def f1():  
    return "Hi"  
def f2():  
    return f1()  
print(f2())
```

- A) Hi
- B) f1
- C) f2
- D) Error

Answer: A

27. Which is correct about recursion?

- A) A function calling itself
- B) A function calling other function
- C) Functions without return
- D) Functions without arguments

Answer: A

28. Which keyword is used to modify global variable inside function?

- A) nonlocal
- B) global
- C) extern
- D) scope

Answer: B

29. Which function converts string to integer?

- A) str()
- B) int()
- C) float()
- D) eval()

Answer: B

30. Which function converts integer to string?

- A) str()
- B) int()
- C) string()
- D) toString()

Answer: A

31. Which function returns sorted list?

- A) order()
- B) sort()
- C) sorted()
- D) arrange()

Answer: C

32. Which is true about lambda functions?

- A) Defined with def
- B) Defined with lambda
- C) Must have multiple lines

D) Cannot return values

Answer: B

33. What is the output?

```
f = lambda x: x+5
```

```
print(f(10))
```

A) 10

B) 15

C) 5

D) Error

Answer: B

34. Which function finds minimum value in a list?

A) min()

B) max()

C) least()

D) small()

Answer: A

35. Which function converts string to lowercase?

A) lower()

B) toLower()

C) lowercase()

D) down()

Answer: A

36. Which function converts string to uppercase?

A) upper()

B) toUpper()

C) uppercase()

D) up()

Answer: A

37. Which function returns remainder?

A) mod()

B) %

C) rem()

D) div()

Answer: B

38. Which function returns True if all elements are true?

- A) any()
- B) all()
- C) every()
- D) true()

Answer: B

39. Which function returns True if any element is true?

- A) some()
- B) all()
- C) any()
- D) true()

Answer: C

40. Which function calculates sum of list?

- A) add()
- B) sum()
- C) total()
- D) count()

Answer: B

41. Which keyword allows nested functions to modify enclosing variables?

- A) global
- B) nonlocal
- C) extern
- D) scope

Answer: B

42. Which function returns binary string?

- A) bin()
- B) binary()
- C) toBin()
- D) str()

Answer: A

43. Which function returns character from ASCII code?

- A) ord()
- B) ascii()
- C) chr()
- D) char()

Answer: C

44. Which function returns ASCII code of a character?

- A) ord()
- B) ascii()
- C) chr()
- D) code()

Answer: A

45. Which function creates an iterator from iterable?

- A) iter()
- B) enumerate()
- C) next()
- D) gen()

Answer: A

46. Which function returns next item from iterator?

- A) next()
- B) iter()
- C) get()
- D) pop()

Answer: A

47. Which function converts float to integer?

- A) int()
- B) float()
- C) toInt()
- D) round()

Answer: A

48. Which function rounds a number?

- A) int()
- B) round()
- C) floor()
- D) ceil()

Answer: B

49. Which function gives length of string?

- A) size()
- B) str()

- C) len()
- D) count()

Answer: C

50. Which function is used to display output?

- A) input()
- B) print()
- C) show()
- D) display()

Answer: B