

Assessment Name - Python Intermediate Assessment

ATTEMPTS LEFT : 1

TAKE ASSESSMENT ([HTTPS://WINGZ.ITVEDANT.COM/INDEX.PHP/ASSIGNMENT-TEST-STUDENT/RETAKE-TEST?ID=175150](https://wingz.itvedant.com/index.php/assignment-test-student/retake-test?id=175150))

Total Questions - 50

Score - (43 / 50) 86%

1) Which of the following are the correct ways to run Python interactively? 1 M

- ☐ A) Enter "python run" in the windows command prompt, "python3" in the Terminal and "python3" in the Linux Terminal window
- ☒ B) Enter "python" in the windows command prompt, "python3" in the Terminal and "python3" in the Linux Terminal window
- ☐ C) Enter "python" in the windows command prompt, "python execute" in the Terminal and "python3" in the Linux Terminal window
- ☐ D) Enter "python" in the windows command prompt, "python run" in the Terminal and "python execute" in the Linux Terminal window

2) What is the default compiler for Python?

- ☐ A) Jython 1 M
- ☒ B) CPython
- ☐ C) PyPy
- ☐ D) ActivePython

3) Place the steps performed by the Python interpreter in correct order.

(i) Execute the code

(ii) Compile the code

(iii) Process the programmer's code sequentially

- ☐ A) i,ii,iii 1 M
- ☐ B) i,iii,ii
- ☒ C) iii,ii,i
- ☐ D) ii,iii,i

4) Which of the following is the correct output on running the below code in Python?

```
print('The output is:')
```

```
print('Hello!')
```

- ☒ A) The output is: Hello!
- ☐ B) Syntax error
- ☐ C) Runtime error
- ☒ D) None of the above

0 M

5) Python files are saved with the extension as ..?

- ☐ A) ,python
- ☐ B) .pi
- ☒ C) .py
- ☐ D) .pe

1 M

6) The function to display a specified message on the screen is ... ?

- ☐ A) display
- ☒ B) print
- ☐ C) output
- ☐ D) console

1 M

7) Comments in Python begin with?

- ☐ A) \*\*
- ☐ B) <!-- -->
- ☒ C) #
- ☐ D) ""

1 M

8) In which language is Python written?

- ☐ A) English
- ☐ B) PHP
- ☒ C) C
- ☐ D) All of the above

1 M

9) Who developed the Python language?

- ☐ A) Zim Den
- ☒ B) Guido van Rossumc.
- ☐ C) Niene Stom
- ☐ D) wick Rossumme

1 M

10) Which of the following is a mutable data type

- ☐ A) Tuple
- ☐ B) Float
- ☒ C) List

1 M

☐ D) String

11) What is the output of following code

```
a=1.7
```

```
a=int(a)
```

```
b=a*a
```

```
print(type(b))
```

☐ A) float

☒ B) int

☐ C) boolean

☐ D) None of the above

1 M

12) What will be the output of the following code?

```
list = [
```

```
['a', 'b', ['c', 10]],
```

```
['p', [1,2,3], 'q', 'r'],
```

```
[7,8,9,['x', 'y', 'z']]
```

```
]
```

```
print(list[1][1][2], list[0][2][0], list[2][3][1])
```

☐ A) 2 10 x

☒ B) 3 c y

☐ C) 1 10 y

☐ D) 2 c x

1 M

13) Find the output of the following code?

```
a=5
```

```
b=(a==2)
```

```
print(b+3)
```

☐ A) 1

☐ B) 2

☐ C) 6

☒ D) 3

1 M

14) Find the output of the following code?

```
print(5%2==2, end = " ")  
print(5.5%2==1)
```

- ☐ A) True True
- ☒ B) False False
- ☐ C) False True
- ☐ D) True False

1 M

15) Which of the following coding blocks give an error?

- ☒ A) 9.1>'9.1'
- ☐ B) '9'>'9.1'
- ☐ C) 9!='9'
- ☒ D) Both a and c

0 M

16) What will be the output of the following code?

```
x = 5
```

```
y = x % 2==0
```

```
type(y)
```

- ☐ A) int
- ☐ B) flaot
- ☒ C) bool
- ☐ D) error

1 M

17) The % operator returns the \_\_\_\_.

1 M

- ☐ A) Quotient
- ☐ B) Divisor
- ☒ C) Remainder
- ☐ D) None of the above

18) What arithmetic operators can not be used with strings in python?

1 M

- ☐ A) \*
- ☒ B) minus(-)
- ☐ C) +
- ☐ D) All of the mentioned

19) Which values the condition in the if statement returns?

- ☒ A) True and False
- ☐ B) Correct and Wrong

1 M

- ☐ C) Numbers
- ☐ D) Both a and c

20) What is the output of the following code?

```
if('p' in 'Python'):  
    print('P is present',end=" ")  
else:  
    print('Not present')
```

- ☐ A) P is present
- ☐ B) P is present Not present
- ☒ C) Not present
- ☐ D) None of the above

1 M

21) What is the output of the following code?

```
if('' or 5 and True):  
    print("Hello",end=" ")  
else:  
    print('Hi',end=" ")  
print('!')
```

- ☒ A) Hello !
- ☐ B) Hi!
- ☐ C) Hi
- ☐ D) Hello

1 M

22)

```
if("false"):  
    print("false")  
elif("true"):  
    print("true")  
else:  
    print("None")
```

- ☐ A) true
- ☒ B) false
- ☐ C) true false
- ☐ D) None

1 M

23) .Which of the following code blocks give an error?

```
a.  
opt=2  
if(opt==1):  
    print('Choosen first option')  
elif(opt==2):  
    print("Choosen second option")  
elif(opt==3):  
    print('Choosen third option')  
b.  
if(1): print("If block")  
else: print("Else block")  
c.  
no=5  
if(no%2==0):  
    print('Even Number')  
else(no%2==1):  
    print('Odd Number')
```

- ☐ A) a
- ☒ B) c
- ☐ C) b and c
- ☐ D) b

1 M

24) Which of the following gives the output as 3?

```
a.  
a=10  
b=4  
if(a&b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
b.  
a=10  
b=4  
if(a^b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
c.  
a=10  
b=4  
if(~a):  
    print(a-2*b+1)  
else:  
    print(a-b/2)  
d.  
a=10  
b=4  
if(a-b):  
    print(a-2*(b+1))  
else:  
    print(a-b/2)
```

- ☐ A) a
- ☒ B) b
- ☐ C) c
- ☐ D) d

0 M

25) Which of the following is not used as loop in Python?

- ☐ A) for loop
- ☐ B) while loop
- ☒ C) do-while loop
- ☐ D) None of the above

1 M

26) Which of the following is a valid python if statement?

- ☒ A) if a>=2:
- ☐ B) if (a>=2)
- ☐ C) if (a=>2)
- ☐ D) if a>=22

1 M

27) What is the output of the following code?

```
if('' or 5 and True):  
    print("Hello",end=" ")  
else:  
    print('Hi',end=" ")  
print('!')
```

- ☒ A) Hello !
- ☐ B) Hi!
- ☐ C) Hi
- ☐ D) Hello

1 M

28) .What is the output of the following code?

```
a=4  
if a<0:  
    print('Negative')  
print(a)
```

- ☐ A) No output
- ☐ B) Negative 4
- ☒ C) 4
- ☐ D) SyntaxError

1 M

29) .Which of the following code blocks give an error?

```
a.  
opt=2  
if(opt==1):  
    print('Choosen first option')  
elif(opt==2):  
    print('Choosen second option')  
elif(opt==3):  
    print('Choosen third option')  
b.  
if(1): print('If block')  
else: print('Else block')  
c.  
no=5  
if(no%2==0):  
    print('Even Number')  
else(no%2==1):  
    print('Odd Number')
```



1 M

- ☐ A) a
- ☒ B) c
- ☐ C) b and c
- ☐ D) b

30) Which of the following gives the output as 3?

```
a.  
a=10  
b=4  
if(a&b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
b.  
a=10  
b=4  
if(a^b):  
    print((a-b)/2)  
else:  
    print(a-b/2)  
c.  
a=10  
b=4  
if(~a):  
    print(a-2*b+1)  
else:  
    print(a-b/2)  
d.  
a=10  
b=4  
if(a-b):  
    print(a-2*(b+1))  
else:  
    print(a-b/2)
```

- ☐ A) a
- ☒ B) b
- ☒ C) c
- ☐ D) d

0 M

31) What is the output of the following code?

```
x=5
y=3
z=2
if(y-z>5-y):
    y=y+3
elif(z-x):
    z=z+4
else:
    x=x-1
print(x+y*2-z)
```

- ☐ A) 15
- ☒ B) 5
- ☐ C) 8
- ☐ D) 10

1 M

32) .Which of the following is true about the decision-making statements?

- ☐ A) We can use the 'break' keyword inside these statements
- ☐ B) We can execute if and else at the same time
- ☒ C) We can use the 'pass' keyword inside the conditional statements
- ☐ D) None of the above

1 M

33) Which of the following is not used as loop in Python?

- ☐ A) for loop
- ☐ B) while loop
- ☒ C) do-while loop
- ☐ D) None of the above

1 M

34) Which of the following is False regarding loops in Python?

- ☐ A) Loops are used to perform certain tasks repeatedly.
- ☒ B) While loop is used when multiple statements are to executed repeatedly until the given condition becomes False
- ☐ C) While loop is used when multiple statements are to executed repeatedly until the given condition becomes True.
- ☐ D) for loop can be used to iterate through the elements of lists.

0 M

35) Which of the following is True regarding loops in Python?

- ☐ A) Loops should be ended with keyword "end".

1 M

- ☐ B) No loop can be used to iterate through the elements of strings.
- ☒ C) Keyword "break" can be used to bring control out of the current loop.
- ☐ D) Keyword "continue" is used to continue with the remaining statements inside the loop.

36) Which of the following do not give any error?

a.

```
a=4
```

```
b=5
```

```
if(a>b):
```

```
    print('a>b')
```

```
elif(a<b and a==b):
```

```
    print('a<=b')
```

b.

```
a=4
```

```
b=5
```

```
if(a>b):
```

```
    print('a>b')
```

```
elif:
```

```
    print('a<=b')
```

c.

```
a=4
```

```
b=5
```

```
if(a>b):
```

```
    print('a>b')
```

```
elif(a<b):
```

```
    print('a<b')
```

```
else: print('a==b')
```

- ☒ A) a
- ☐ B) b
- ☐ C) b
- ☒ D) both a and c

0 M

37) What will be the output of the following Python code?

```
list1=[3,2,5,6,0,7,9]
```

```
sum=0
```

```
sum1=0
```

```
for elem in list1:
```

```
    if(elem%2==0):
```

```
        sum=sum+elem
```

```
        continue
```

```
    if(elem%3==0):
```

```
        sum1=sum1+elem
```

```
print(sum,end=" ")
```

```
print(sum1)
```

☐ A) '8' 9

☐ B) 8 3

☐ C) 2 3

☒ D) 8 12

1 M

38) Which of the following is a valid python if statement?

1 M

☒ A) if a>=2:

☐ B) if (a>=2)

☐ C) if (a=>2)

☐ D) if a>=22

39) Which type of Programming does Python support?

1 M

☐ A) object-oriented programming

☐ B) structured programming

☐ C) functional programming

☒ D) all of the mentioned

40) How do you represent a string in Python?

1 M

☒ A) Using single or double quotes

☐ B) With curly braces {}

☐ C) With square brackets []

☐ D) With parentheses ()

41) What will be the output of the following code? print(3 \*\* 3)

1 M

☐ A) 9

☒ B) 27

☐ C) 81

☐ D) 6

- 42) Which operator is used to perform logical AND operation? 1 M
- ☐ A) &
  - ☐ B) &&
  - ☒ C) and
  - ☐ D) AND
- 43) Which operator is used to perform logical OR operation? 1 M
- ☐ A) |
  - ☐ B) ||
  - ☒ C) or
  - ☐ D) OR
- 44) What is the result of the following expression in Python?  $5 + 2 * 3 ** 2$ ? 1 M
- ☐ A) 35
  - ☒ B) 23
  - ☐ C) 25
  - ☐ D) 17
- 45) What is the data type of the variable 'x' in the following code snippet? `x = 5`? 1 M
- ☒ A) Integer
  - ☐ B) String
  - ☐ C) Float
  - ☐ D) Boolean
- 46) Which data type in Python is used to store a sequence of characters? 1 M
- ☐ A) Integer
  - ☐ B) Float
  - ☒ C) String
  - ☐ D) Boolean
- 47) What will be the output of the following code snippet? `x = "Hello"`  
`print(type(x))` 0 M
- ☐ A) hello
  - ☒ B) str
  - ☐ C) string
  - ☐ D) None of the above
- 48) What will be the correct syntax for the following output? Hello world 1 M
- ☐ A) `print(Hello World)`
  - ☒ B) `print("Hello World")`
  - ☐ C) `print:Hello World`
  - ☐ D) `print(Hello World);`
- 49) Which of the following statements is correct for variable names in Python language? 1 M

- ☐ A) All variable names must begin with an underscore.
- ☒ B) Unlimited length
- ☐ C) The variable name length is a maximum of 2.
- ☐ D) All of the above

50) Which of the following functions is a built-in function in python language? 1 M

- ☐ A) val()
- ☒ B) print()
- ☐ C) print
- ☐ D) None of these