

PPS UNIT TEST -1 MCQ

please fill all information correctly.

* Required

1. Name of Student *

2. Roll No *

3. Division *

Mark only one oval.

FE-D

FE-E

4. Email-id *

MCQ

5. Q1

In computer science, algorithm refers to a pictorial representation of a flowchart

Mark only one oval.

True

False

6. Q2

Is Python case sensitive when dealing with identifiers?

Mark only one oval.

- yes
- no
- machine dependent
- none of the mentioned

7. Q3

Which of the following is an invalid variable?

Mark only one oval.

- my_string_1
- 1st_string
- foo
- _

8. Q4

All keywords in Python are in _____

Mark only one oval.

- lower case
- upper case
- capatilized
- none of the mentioned

9. Q5

Which of the following is true for variable names in Python?

Mark only one oval.

- unlimited length
- all private members must have leading and trailing underscores
- underscore and ampersand are the only two special characters allowed
- none of the mentioned

10. Q6 Find the output following code snippet?

```
| i=1  
While True:  
    if i % 7 == 0:  
        break  
    print(i)  
    i += 1
```

Mark only one oval.

- 1 2 3 4 5 6
- 1 2 3 4 5 6 7
- error
- None of the above

11. Q7

Which is the correct operator for power(x,y)?

Mark only one oval.

- X^y
- X**y
- X^^y
- None of the mentioned

12. Q8. Find the output of following code

```
i=5
While True:
if i% 11 ==0:
break
print(i)
i+=1
```

Mark only one oval.

- 5 6 7 8 9 10
- 5 6 7 8
- 5 6
- Error

13. Q9 What is the answer to this expression, 22 % 3 is?

Mark only one oval.

- 7
- 1
- 0
- 5

14. Q10

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

Mark only one oval.

- for loop
- while loop
- do-while loop
- None of the above

15. Q11

Mathematical operations can be performed on a string

Mark only one oval.

- True
- False

16. Q12

Operators with the same precedence are evaluated in which manner?

Mark only one oval.

- Left to Right
- Right to Left
- Can't say
- None of the mentioned

17. Q13

Which of the following is True regarding loops in Python?

Mark only one oval.

- Loops should be ended with keyword "end".
- No loop can be used to iterate through the elements of strings.
- Keyword "break" can be used to bring control out of the current loop.
- Keyword "continue" is used to continue with the remaining statements inside the loop.

18. Q14

What is the output of this expression, $3*1**3$?*Mark only one oval.*

- 27
- 9
- 3
- 1

19. Q15. How many times will loop run?

```
i = 2
while(i > 0):
    i = i - 1
```

Mark only one oval.

- 2
- 3
- 1
- 0

20. Q16

Which one of the following has the highest precedence in the expression?

Mark only one oval.

- Exponential
- Addition
- Multiplication
- Parentheses

21. Q17

Which one of the following is a valid Python if statement : A

if a>=2 : B

if (a >= 2) C

if (a => 22) D

if a >= 22

Mark only one oval.

- A
- B
- C
- D

22. Q18

Which of these is not a core data type?

Mark only one oval.

- Lists
- Dictionary
- Tuples
- Class
- Option 5

23. Q19

What keyword would you use to add an alternative condition to an if statement?

Mark only one oval.

- else if
- elseif
- elif
- None of the above
- Option 5

24. Q20

Can we write if/else into one line in python?

Mark only one oval.

- Yes
- No
- if/else not used in python
- None of the above
- Option 5

25. Q21

Given a function that does not return any value, What value is thrown by default when executed in shell

Mark only one oval.

- int
- bool
- void
- None

26. Q22 What will be the output of the following Python code?

```
1. >>>str="hello"  
2. >>>str[:2]  
3. >>>
```

Mark only one oval.

- he
- lo
- olleh
- hello

27. Q23

What data type is the object below? L = [1, 23, 'hello', 1]

Mark only one oval.

- list
- dictionary
- array
- tuple

28. Q24

Who developed the Python language?

Mark only one oval.

- Zim Den
- Guido van Rossum
- Niene Stom
- Wick van Rossum

29. Q25

In which language is Python written?

Mark only one oval.

- English
- PHP
- C
- All of the above

30. Q

26 In a Python program, a control structure:

Mark only one oval.

- . Defines program-specific data structures
- Directs the order of execution of the statements in the program
- Dictates what happens before the program starts and after it terminates
- None of the above

31. Q

27 Which statement will check if a is equal to b?

Mark only one oval.

- . if a = b:
- . if a == b:
- if a === c:
- if a == b:

32. Q28.

16] FIND THE OUTPUT

```
x= -10
if x <0:
    print("The negative number ", x, " is not valid here.")
    print("This is always printed")
```

a. This is always printed

b. The negative number -10 is not valid here. This is always printed

c.. The negative number -10 is not valid here

Mark only one oval.

output A

output B

output c

It will cause an error because every if must have an else clause.

33. Q.29

29] Which of the following is true about the code below?

```
x =3
if (x >2):
    x = x *2;
if (x >4):
    x =0;
print(x)
```

Mark only one oval.

- x will always equal 0 after this code executes for any value of x
- if x is greater than 2, the value in x will be doubled after this code executes
- if x is greater than 2, x will equal 0 after this code executes

34. Q30

30] Which of the following will evaluate to true?

- I. True AND False
- II. False or True
- III. False AND (True or False)

Mark only one oval.

- I
- II
- I and II
- II and III

35. Q.31 for i in range(-3), how many times this loop will run ?

Mark only one oval.

- 0
- 1
- 2
- infinite
- Error

36. Q.32) for loop in python are work

Mark only one oval.

- range
- . iteration
- Both of the above
- None of the above

37. Q. 33)To break the infinite loop , which keyword we use ?

Mark only one oval.

- continue
- break
- exit
- None of the above

38. Q.34)

34] What will be the output of the following Python code?

```
i = 0
while i < 3:
    print(i)
    i += 1
else:
    print(0)
```

Mark only one oval.

0 1 2 3 0

0 1 2 0

0 1 2

Error

39. Q.35)

35] What will be the output of the following Python code?

```
x="abcdef"  
i="i"  
while i in x:  
    print(i, end=" ")
```

Mark only one oval.

- no output
- i i i i ...
- a b c d e f
- "a b c d e f"

40. Q.36) for i in range(0): print(i)

Mark only one oval.

- 0
- no_output
- error
- none of the above

41. Q.37

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

```
for i in range(0):  
    print(i)
```

Mark only one oval.

- (nothing is printed)
- error
-] none of the mentioned

42. Q.38) Which of the following commands will create a list?

Mark only one oval.

- list1 = list()
- list1 = []
- list1 = list([1, 2, 3])
- all of the mentioned

43. Q.39) What is the output when we execute list("hello")?

Mark only one oval.

- ['h', 'e', 'l', 'l', 'o']
- ['hello']
- ['llo']
- ['olleh']

44. Q.40) Suppose list Example is ['h','e','l','l','o'], what is len(listExample)?

Mark only one oval.

- 5
- 4
- None
- error

45. Q.41) Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]?

Mark only one oval.

- Error
- None
- 25
- 2

46. Q.42) Which of the following is a Python tuple?

Mark only one oval.

[1,2,3]

(1,2,3)

{1,2,3}

{}

47. Q.43) Suppose $t = (1, 2, 4, 3)$, which of the following is incorrect?

Mark only one oval.

`print(t[3])`

`t[3] = 45`

`print(max(t))`

`print(len(t))`

48. Q.44) What is the data type of (1)?

Mark only one oval.

Tuple

Integer

List

Both tuple and integer

49. Q.45) If $a=(1,2,3,4)$, $a[1:-1]$ is _____

Mark only one oval.

- Error, tuple slicing doesn't exist
-) [2,3]
- (2,3,4)
- (2,3)

50. Q.46) What type of data is: $a=[(1,1),(2,4),(3,9)]$?

Mark only one oval.

- Array of tuple
- List of tuples
- Tuples of lists
- Invalid type

51. Q.47) Which of the following statements create a dictionary?

Mark only one oval.

- $d = \{ \}$
- $d = \{ "john":40, "peter":45 \}$
- $d = \{ 40:"john", 45:"peter" \}$
- All of the mentioned

52. Q.48) Which of these about a dictionary is false?

Mark only one oval.

- The values of a dictionary can be accessed using keys
- The keys of a dictionary can be accessed using values
- Dictionaries aren't ordered
- Dictionaries are mutable

53. Q.49)

49) What will be the output of the following Python code snippet?

```
>>> a={1:"A",2:"B",3:"C"}  
>>> del a
```

Mark only one oval.

- method del doesn't exist for the dictionary
- del deletes the values in the dictionary
- del deletes the entire dictionary
- del deletes the keys in the dictionary

54. Q.50) In which year was the Python language developed?

Mark only one oval.

1995

1972

1981

1989

This content is neither created nor endorsed by Google.

Google Forms