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Python Level 1

ADD-CS-05

Time : 1hr

Marks: 20

Date: 03/11/2020

(Answer all Questions)   **(1*20=20)**

1. Who developed Python Programming Language?
a) Wick van Rossum
b) Rasmus Lerdorf
c) Guido van Rossum
d) Niene Stom

2. Which type of Programming does Python support?
a) object-oriented programming
b) structured programming
c) functional programming
d) all of the mentioned

3. Is Python case sensitive when dealing with identifiers?
a) no
b) yes
c) machine dependent
d) none of the mentioned

4. Which of the following is the correct extension of the Python file?
a) .python
b) .pl
c) .py
d) .p

5. Is Python code compiled or interpreted?
a) Python code is both compiled and interpreted
b) Python code is neither compiled nor interpreted
c) Python code is only compiled
d) Python code is only interpreted

6. All keywords in Python are in _____
a) Capitalized
b) lower case
c) UPPER CASE
d) None of the mentioned

7. What will be the value of the following Python expression?

```
4 + 3 % 5
```

a) 7
b) 2
c) 4
d) 1

9. Which keyword is used for function in Python language?
a) Function
b) def
c) Fun
d) Define

10. Which of the following character is used to give single-line comments in Python?
a) //
b) #
c) !
d) /*

11. What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)

    i + = 1
```

a) 1 2 3
b) error
c) 1 2
d) none of the mentioned

12. Which of the following functions can help us to find the version of python that we are currently working on?
a) sys.version(1)
b) sys.version(0)
c) sys.version()
d) sys.version

13. Python supports the creation of anonymous functions at runtime, using a construct called _____
a) pi
b) anonymous
c) lambda
d) none of the mentioned

14. What is the order of precedence in python?
a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction
_____

15. What will be the output of the following Python code snippet if x=1?

```
x<<2
```

a) 4
b) 2
c) 1
d) 8

16. What does pip stand for python?
a) Pip Installs Python
b) Pip Installs Packages
c) Preferred Installer Program
d) All of the mentioned

17. Which of the following is true for variable names in Python?
a) underscore and ampersand are the only two special characters allowed
b) unlimited length
c) all private members must have leading and trailing underscores
d) none of the mentioned

18. What are the values of the following Python expressions?

```
2**(3**2)
(2**3)**2
2**3**2
```

a) 512, 64, 512
b) 512, 512, 512
c) 64, 512, 64
d) 64, 64, 64

19. Which of the following is the truncation division operator in Python?

a) |

b) //

c) /

d) %

20. What will be the output of the following Python code?

```
l=[1, 0, 2, 0, 'hello', '', []]
list(filter(bool, l))
```

a) [1, 0, 2, 'hello', '', []]

b) Error

c) [1, 2, 'hello']

d) [1, 0, 2, 0, 'hello', '', []]