

**Royal College of Arts, Science and Commerce**  
**F.Y.B.Sc Computer Science**  
**Semester I 2020-2021**  
**Programming with Python-1 (Course code: - USCS102)**  
**Sample Questions**

1) Which function is used to convert any data into integer?

- a) int
- b) float
- c) bool
- d) dict

2) Which is the correct operator for power( $x^y$ )?

- a)  $x^y$
- b)  $x**y$
- c)  $x^^y$
- d) None of the mentioned

3) Which one of these is floor division?

- a) /
- b) //
- c) %
- d) None of the mentioned

4) What is answer of this expression,  $22 \% 3$  is?

- a) 7
- b) 1
- c) 0
- d) 5

5) Is Python case sensitive when dealing with identifiers?

- a) yes
- b) no
- c) sometimes only
- d) none of the mentioned

6) Which of the following is an invalid variable?

- a) my\_string\_1
- b) 1st\_string
- c) foo
- d) SUM

7) All keywords in Python are in

- a) lower case
- b) UPPER CASE
- c) Capitalized
- d) toggle case

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

9) Which of the following is not a complex number?

- a)  $k = 2 + 3j$
- b)  $k = \text{complex}(2, 3)$
- c)  $k = 2 + 3L$
- d)  $k = 2 + 3J$

10) What arithmetic operators cannot be used with strings?

- a) +
- b) \*
- c) -
- d) all of the above

11) What is the output of the following code `max("what are you")`?

- a) Error
- b) u
- c) t
- d) y

12) Given a string `example="HELLO"` what is the output of `example.count('L')`.

- a) 2
- b) 1
- c) None
- d) 0

13) What is the output when we execute `list("hello")`?

- a) ['h', 'e', 'l', 'l', 'o']
- b) ['hello']
- c) ['llo']
- d) ['olleh']

14) Suppose list1 is [3, 5, 25, 1, 3], what is `min(list1)` ?

- a) 3
- b) 5
- c) 25
- d) 1

15) Which of the following is a Python tuple?

- a) [1, 2, 3]
- b) (1, 2, 3)
- c) {1, 2, 3}
- d) {}