Reg. No. :

Question Paper Code: 58463

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2019

One credit course

Electronics and Communication Engineering

15UEC863 - INTRODUCTION TO PYTHON PROGRAMMING

(Regulation 2015)

Duration: 1.30 hours   Maximum: 50 Marks

Answer ALL Questions

PART A - (20 x 1 = 20 Marks)

1.   Which is the correct operator for power(x^y)?

   (a) X^y   (b) X**y   (c) X^^y   (d) None

2.   What is the output when following statement is executed ?   >>>"abcd"[2:]

   (a) a   (b) ab   (c) cd   (d) dc

3.   What is the output of this expression, 3*1**3?

   (a) 27   (b) 9   (c) 1   (d) 3

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

   (a) list   (b dictionary   (c) array   (d) tuple

5.   Which of the following is not a keyword?

   (a) eval   (b) assert   (c) nonlocal   (d) pass

6.   Suppose listExample is ['h','e','l','l','o'], what is len(listExample)?

   (a) 5   (b) 4   (c) none   (d) error

7.   What is the output of the following?   print("xyyzxyzxzxyy".count('yy'))

   (a) 2   (b) 0   (c) error   (d) none

8.   Operators with the same precedence are evaluated in which manner?

   (a) Left to Right   (b) Right to Left   (c) Can't say   (d) None

9.   which of the following data types is not supported in python?

   (a) Tuple   (b) Dictionary   (c) Generics   (d) List

10. Which function overloads the // operator?

(a) __div__()   (b) __ceildiv__()   (c) __floordiv__()   (d) __truediv__()

11. Which one of the following have the highest precedence in the expression?

(a) Exponential   (b) Addition

(c) Multiplication   (d) Parentheses

12. Which operator is overloaded by __invert__()?

(a) !   (b) ~   (c) ^   (d) −

13. What is the output of the following?   print("xyyzxyzxzxyy".count('yy'))

(a) 2   (b)0   (c) none   (d) error

14. What is the output of the following?

print("Hello {name1} and {name2}".format(name1='foo', name2='bin'))

(a) Hello foo and bin   (b) Hello {name1} and {name2}

(c) Error   (d) Hello and

15. Which of the following cannot be a variable?

(a) __init__   (b) in   (c) it   (d) on

16. What arithmetic operators cannot be used with strings?

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

17. What datatype is the object below ?   L = [1, 23, 'hello', 1].

(a) list   (b) dictionary   (c) array   (d) tuple

18. What arithmetic operators cannot be used with strings?

(a) +   (b) *   (c) −   (d) All of the mentioned

19. Python created in

(a) 1989   (b) 2005   (c) 1998   (d) 2015

20. Which of the following commands will create a list?

(a) list1 = list()   (b) list1 = []

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

58463

PART – B (2 x 15= 30 Marks)

21. (a) (i) Write various types of Operators in Python. Explain any 5 Operator. (10)

    (ii) Explain python tuple with some examples. (5)

Or

(b) (i) Write a program for Swap Two Variables without using temporary variable. (10)

    (ii) Write a program for multiply of three numbers. (3)

    (iii) Write Python function Syntax. (2)

22. (a) (i) Write various types of Data types in Python. Explain any 5 Data types. (10)

    (ii) Write a Python Program to Check Prime Number. (5)

Or

(b) (i) Write program for Password login. (7)

    (ii) Write a Python Program to Find the Largest Among Three Numbers. (8)

58463

58463