Reg. No. :

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2018

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 of the following is not a keyword?

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

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

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

3.　What is answer of this expression, 22 % 3 is?

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

4.　What is the output when following statement is executed ?

　>>>"abcd"[2:]

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

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

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

6.　Which keyword is use for function?

　(a) Fun　　　　　　　　(b) Define　　　(c) Def　　　　(d) Function

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

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

8. Which of the following functions is a built-in function in python?

(a) seed()   (b) sqrt()   (c) factorial()   (d) print()

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

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

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

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

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

(a) Exponential   (b) Addition

(c) Multiplication   (d) Parentheses

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

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

13. Which operator is overloaded by __invert__()?

(a) !   (b) ~   (c) ^   (d) −

14. What is a variable defined outside a function referred to as?

(a) A static variable   (b) A global variable

(c) A local variable   (d) An automatic variable

15. Which of the following cannot be a variable?

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

16. Which one of these is floor division?

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

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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. 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

20. Python created in

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

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 list with some examples.   (5)

Or

    (b) (i) Write program for to create a student database.   (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) Explain python tuple with some examples.   (5)

Or

    (b) (i) Write a program for Swap Two Variables without using temporary variable.   (4)
       (ii) Write a program for Swap Two Variables using temporary variable.   (3)
       (iii) Write a Python Program to Find the Largest Among Three Numbers.   (8)

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