

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 58463

B.E. / B.Tech. DEGREE EXAMINATION, NOV 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)

- Which of the following is not a keyword?
(a) eval (b) assert (c) nonlocal (d) pass
- What is the output when following statement is executed ? `>>>"abcd"[2:]`
(a) a (b) ab (c) cd (d) dc
- What is answer of this expression, `22 % 3` is?
(a) 7 (b) 0 (c) 1 (d) 5
- What data type is the object below ? `L = [1, 23, 'hello', 1]`.
(a) list (b) dictionary (c) array (d) tuple
- Suppose `listExample` is `['h','e','l','l','o']`, what is `len(listExample)`?
(a) 5 (b) 4 (c) none (d) error
- Which keyword is use for function?
(a) Fun (b) Define (c) Def (d) Function
- which of the following data types is not supported in python?
(a) Tuple (b) Dictionary (c) Generics (d) List
- Operators with the same precedence are evaluated in which manner?
(a) Left to Right (b) Right to Left (c) Can't say (d) None
- Which of the following functions is a built-in function in python?
(a) `seed()` (b) `sqrt()` (c) `factorial()` (d) `print()`

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("xyyzxyzxyzxy".count('yy'))`
 (a) 2 (b) 0 (c) none (d) error
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
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. What is a variable defined inside a function referred to as?
 (a) A global variable (b) A volatile variable
 (c) A local variable (d) An automatic variable
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 Data types in Python. Explain any 5 Datatypes. (10)
(ii) Explain python list with some examples. (5)
- Or
- (b) (i) Write a program for Swap Two Variables without using temporary variable. (10)
(ii) Write a program for Swap Two Variables using temporary variable. (3)
(iii) Write Python function Syntax. (2)
22. (a) (i) Write a Python Program to Check Prime Number. (10)
(ii) Point out the rules of identifiers. (5)
- Or
- (b) (i) Write a program for Swap Two Variables without using temporary variable (7)
(ii) Write a Python Program to Find the Largest Among Three Numbers. (8)

