

Reg. No. :

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Question Paper Code: 58463

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

- What is the maximum possible length of an identifier?
(a) 31 characters
(b) 63 characters
(c) 79 characters
(d) none of the mentioned
- Which of the following is not a keyword?
(a) eval
(b) assert
(c) nonlocal
(d) pass
- What is the output of this expression, $3*1**3$?
(a) 27
(b) 9
(c) 1
(d) 3
- What datatype is the object below ?
 $L = [1, 23, 'hello', 1]$.
(a) list
(b) dictionary
(c) array
(d) tuple
- Following set of commands are executed in shell, what will be the output?

```
>>>str="hello"
>>>str[:2]
>>>
```


(a) he
(b) lo
(c) olleh
(d) hello

6. Which keyword is use for function?
 (a) Fun (b) Define (c) Def (d) Function
7. What is the output of the following?

```
print("xyyzxyzxxyy".count('yy'))
```

 (a) 2 (b) 0 (c) error (d) none
8. What is the output when following statement is executed ?

```
>>>"abcd"[2:]
```

 (a) a (b) ab (c) cd (d) dc
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 will be the output?

```
list1 =[1, 2, 3, 4]
list2 =[5, 6, 7, 8]
print(len(list1 + list2))
```

 (a) 2 (b) 4 (c) 5 (d) 8
11. Which one of the following have the highest precedence in the expression?
 (a) Exponential (b) Addition
 (c) Multiplication (d) Parentheses
12. Which function overloads the // operator?
 (a) `__div__()` (b) `__ceildiv__()` (c) `__floordiv__()` (d) `__truediv__()`
13. Which operator is overloaded by `__invert__()`?
 (a) ! (b) ~ (c) ^ (d) -
14. What is the output of the expression:

```
round(4.576)
```

 (a) 4.5 (b) 5
 (c) 4 (d) 4.6
15. Which of these in not a core datatype?
 (a) Lists (b) Dictionary (c) Tuples (d) Class

16. Which one of these is floor division?
 (a) / (b) // (c) % (d) None of the mentioned
17. Which operator is overloaded by `__lg__()`?
 (a) < (b) > (c) != (d) none of the mentioned
18. What arithmetic operators cannot be used with strings?
 (a) + (b) * (c) - (d) All of the mentioned
19. Which of the following functions is a built-in function in python?
 (a) `seed()` (b) `sqrt()`
 (c) `factorial()` (d) `print()`
20. What is the output when following code is executed ?

```
>>>names =['Amir', 'Bear', 'Charlton', 'Daman']
>>>print(names[-1][-1])
```

 (a) A (b) Daman (c) Error (d) n

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) Point out the rules of identifiers. (10)
 (ii) Write a Python Program to Check Prime Number. (5)
 Or
 (b) (i) Write program for Password login. (7)
 (ii) Write program for Ticket vending (8)

