QP Code: 3887QP

Total No. of Pages: 3

Seat No.

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88235_Python Programming_29.05.2023_02.30 PM To 05.30 PM

Subject Code: 88235

Day and Date: Monday, 29-05-2023
Time: 02:30 pm to 05:30 pm

Total Mark s: 70

Instructions.:

    1) Figures to the right indicate full marks

Special Instruction.:

    Que.1 and Que. 6 are compulsory . Attempt any three Questions from Que. No.2 to Que. No. 5.

Q.1.   **A**   **Multiple Choice Questions (10 Marks)**   **[20]**

1   **Who founded Python?**
a)   Alexander G. Bell
b)   Vincent van Gogh
c)   Leonardo da Vinci
d)   Guido van Rossum

2   **What is the maximum possible length of an identifier?**
a)   16
b)   32
c)   64
d)   None of these above

3   **Which one of the following has the highest precedence in the expression?**
a)   Division
b)   Subtraction
c)   Parentheses
d)   Power

4   **Study the following function:**

round(4.576)
4 What will be the output of this function?
a)   4
b)   5
c)   576
d)   4576

5   **What is the output of the below program in python:**
print(0.2+0.4==0.6)
a)   True
b)   False
c)   Error
d)   Depends on machine

6   What is the name of the operator ** in Python?
a)   Exponentiation
b)   Modulus
c)   Floor division
d)   None of the these

7   What is the output of following program?
```
r = lambda q: q * 2
s = lambda q: q * 3
x = 2
x = r(x)
x = s(x)
x = r(x)
print (x)
```
a)   4
b)   12
c)   24
d)   None of Above

8   What is output of below python code?
```
dict= {1:'1', 2:'2', 3:'3'}
del dict[1]
dict[1] = '10'
del dict[2]
print (len(dict))
```
a)   1
b)   2
c)   3
d)   0

9   What is the value of this expression?
```
print(2**2**3**1)
```
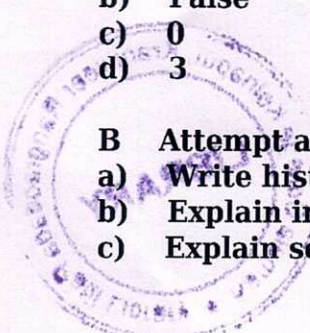a)   12
b)   64
c)   128
d)   256

10   What is the output from the following code?
```
a = 3
b = (a != 3)
print(b)
```
a)   True
b)   False
c)   0
d)   3

B   Attempt any two questions.(10 Marks)
a)   Write history of python.
b)   Explain import statement in python.
c)   Explain set operations.

Q.2. Write program to calculate factorial of given number using user defined [10] function.

Q.3. Describe looping statements in Python. [10]

Q.4. What is string? Explain any four built in string functions with example. [10]

Q.5. What is Dictionary? Explain any four Built-In Dictionary Functions with [10] examples.

Q.6. Write notes on (Any Four) [20]
1. Data Types in Python
2. Chained Conditional statement
3. Sets
4. GUI In Python
5. Calendar module
6. Tuples