

Seat No.	
----------	--

B.C.A. (CBCS) (Part-III) (Semester-V)

Examination, March 2024.

PYTHON PROGRAMMING

Sub. Code : 88235

Day and Date: Saturday, 30-03-2024

Total Marks: 70

Time: 10.30 a.m. to 01.30 p.m.

- Instructions:**
- 1) Q.1 and Q.6 are compulsory.
 - 2) Attempt ANY THREE questions from Q.2 to Q.5.
 - 3) Figures to the right indicate full marks.

Q.1 a) Choose the correct answer in each of the following questions. (10)

- 1) How to output the string "Python Programming" in Python?
- (A) print("Python Programming")
(B) echo("Python Programming")
(C) System.out("Python Programming")
(D) printf("Python Programming")

- 2) What is the maximum possible length of an identifier?
- (A) 31 characters (B) 63 characters
(C) 79 characters (D) None of these

- 3) What will be the datatype of the var in the below code snippet?

```
var = 10  
print(type(var))  
var = "Hello"  
print(type(var))
```

- (A) str and str (B) int and int
(C) int and str (D) float and str



- 4) Amongst the following, who is the developer of Python programming?
(A) Guido van Rossum (B) Denis Ritchie
(C) Y.C. Khenderakar (D) None of these
- 5) List, tuple and range are the of Data Types.
(A) Sequence Types (B) Binary Types
(C) Boolean Types (D) None of these
- 6) The % operator returns the
(A) Quotient (B) Divisor
(C) Remainder (D) None of these
- 7) Python Dictionary is used to store the data in a format.
(A) Key value pair (B) Group value pair
(C) Select value pair (D) None of these
- 8) Conditional statements are also known as statements.
(A) Decision-making (B) Array
(C) List (D) None of these
- 8) In Python, defines a block of statements.
(A) Block (B) Loop
(C) Indentation (D) None of these
- 10) The is a built-in function that returns a range object that consists series of integer numbers, which we can iterate using a for loop.
(A) set() (B) range()
(C) dictionary{} (D) None of these

b) Attempt ANY TWO questions.

(10)

- 1) Explain the import statement in Python.
- 2) Describe lambda function with appropriate example.
- 3) Explain Escape characters in Python.

- Q.2 Demonstrate GUI in Python with appropriate example. (10)
- Q.3 Describe different types of operators in Python. (10)
- Q.4 What is Tuple? Explain basic tuple operations with an example. (10)
- Q.5 Explain different looping statements in Python with an example. (10)
- Q.6 Write notes. (Any four) (20)
- 1) Calendar module
 - 2) Comment
 - 3) Dictionary
 - 4) Built-in String Methods
 - 5) Set Operations
 - 6) Features of Python

