

**Goa Vidyaprasarak Mandal's
GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS
FARMAGUDI, PONDA - GOA**

**B.C.A. UGC-CCFUP (SEMESTER-I) REGULAR EXAMINATION NOVEMBER 2023
CSA-142 - PYTHON PROGRAMMING**

Duration: 1 Hour

Total Marks: 20

Instructions: 1. All questions are compulsory
2. Assume necessary data wherever required

Q.1. Answer the following:

A. Match the pairs and choose correct answers
from the following:

(4x1 =04 Marks) (BL-1,CO-1,CO-2)

- | | |
|---------------------------|--|
| A. Recursive Function | I. Functions that we define ourselves to do certain specific task. |
| B. User-defined Functions | II. Anonymous function that are defined without a name. |
| C. Built-in Functions | III. function defined in terms of itself via self-referential expressions. |
| D. Lambda Functions | IV. Functions that are readily available for use. |

Q.2.A. Why we use loops in python?

List two modes of using Python interpreter.

(2 marks) (BL-1, CO-1)

OR

Q.2.A. List rules for python variable.

(2 marks) (BL-1, CO-1)

Q.2.B. Define Following:

1. Modules in Python 2. Fruitful functions.

(2 marks) (BL-1, CO-2)

Q.3.A. Compare List and Tuple with the help of suitable example.

(2 marks) (BL-2, CO-3)

OR

Q.3.A. Explain with an example following Dictionary method

1. Copy() 2. Clear()

(2 marks) (BL-2, CO-3)

Q.3.B. Explain direct and indirect recursion with the help of example.

(2 marks) (BL-2, CO-2)

Q.4.A. Explain working of Google Translate.

(2 marks) (BL-2, CO-4)

OR

Q.4.A. Explain concept of Sentiment Analysis.

(2 marks) (BL-2, CO-4)

Q.4.B. Explain following w.r.t. List

1. Negative Indexing 2. Range of indexes

(2 marks) (BL-2, CO-3)

P.T.O.

