Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
SY B.Voc.(ST), Semester-IV, Semester End Examination, April / May2023
Python Programming (STG401) (Truncated Syllabus 2021-22)

__Duration: 2 Hours__   __Total Marks: 60__

Instructions: 1. All questions are compulsory.
*2. Figures to the right indicate **Full Marks.***

Q1) Answer any 5 of the following in not more than 50 words.   5 x 2=10
- a) What do you mean by interpreted language?
- b) Define function.
- c) Define void function. Give an example.
- d) Why pass and return statements are used in python program?
- e) How python lists differ from tuples?
- f) Explain the concept of factorial.
- g) Mention any 4 tuple methods.

Q2) Answer any 5 of the following in not more than 50 words .   5 x 2=10
- a) What do you mean by package in python programming?
- b) What is the use of the format function? Give an example.
- c) What do you mean by runtime error? Give an example.
- d) Mention the use of break and continue statement in python program.
- e) What do you mean by absolute and relative path of a file?
- f) Write the output of the following using slicing concept for the given list
  yourList = [22, 23, 15, 46, 77, 81, 2]
  - i) yourList[3:]   ii) yourList[1:-1]
- g) List any four common syntax errors.

Q3) Answer the following.   (10)
- A. List any five features of python programming.   (5)
- B. Write a short note on operators in python programming in not more than 150 words.   (5)

<div align="center">OR</div>

- C. Write and explain the output of the following python programming statements.   (5)
  - i. val = int (input("Enter your value:"))
  - ii. print (float(5 * 3))
  - iii. a, b, c = "Python" , "Goa"
  - iv. print (type (55.3))
  - v. a = 25

    a / = 5

    print (a)

Q4) Answer the following. (10)

    A. Explain the types of function arguments in python programming. (5)

    B. Explain the working of for loop using an example. (5)

<div align="center">OR</div>

    C. Explain the concept of String Slicing and String Repetition operations using suitable examples. (5)

Q5) Answer the following. (10)

    A. Give any five point of differences between tuples and dictionary. (5)

    B. Explain the basic list operations with an example of each. (5)

<div align="center">OR</div>

    C. Explain dictionaries and its operations in detail. (5)

Q6) Answer the following. (10)

    A. Explain standard data types in python programming with an example of each. (5)

    B. Explain exception handling with syntax and a sample program. (5)

<div align="center">OR</div>

    C. Explain how modules are created and imported in python programming. Mention the steps of creating a package. (5)