

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
FY BCA, Semester-I, Semester End Assessment, November 2023
Python Programming CSA-142 (SEC) (OA-38, NEP-2020)

Duration: 1 Hour

Max Marks: 20

Instructions:

- i. All questions are compulsory and figures to the right indicate full marks.
- ii. Questions of 1 mark to be answered in not more than 20 words.
- iii. Questions of 2 marks to be answered in not more than 40 words.

Q1. Answer the following questions:

(4 x 1 Marks)

- i. How to comment a statement in Python?
- ii. State the syntax of range() function.
- iii. List any 2 benefits of using Google Translate.
- iv. What is Page Ranking?

Q2.A. Answer the following questions:

(2 mks)

- i. State any 4 assignment operators used in Python.

OR

- ii. Define a Variable. Give 2 examples of valid variables.

Q2.B. Answer the following question:

(2 mks)

- i. What is a Fruitful function?

Q3.A. Answer the following questions:

(2 mks)

- i. Explain the While loop with an example.

OR

- ii. What is the use of Break and Continue statements in loops?

Q3.B. Answer the following question:

(2 mks)

- i. What is the type() function and why is it used? Explain with an example.

Q4.A. Answer the following questions :

(2 mks)

- i. Compare Lists and Tuples data types. (2 points each)

OR

- ii. Explain any two operations of List data type.

Q4.B. Answer the following question:

(2 mks)

- i. Discuss with an example how to delete elements in Dictionaries ?

Q5.A. Answer the following questions :

(2mks)

- i. Construct a Python program to open a file in read mode and read and print the content from the file.

OR

- ii. Construct a Python Program to copy data from one file to another.

Q5.B. Answer the following question:

(2 mks)

- i. Illustrate with an example how we can handle a Division by Zero Exception.

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