



41524/E240

Reg. No.

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V Semester B.C.A.4. Degree Examination, March/April - 2023

PROGRAMMING WITH PYTHON

(Repeaters)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates :

All sections are compulsory.

Section - A

Answer the following questions.

(10×2=20)

1. a. Define python.
- b. Define function? Give syntax.
- c. Define string. Give syntax.
- d. What is a list?
- e. What is testing? Name types of testing.
- f. What is inheritance?
- g. What is Tkinter?
- h. What is regular expression?
- i. What is cursor?
- j. What are exceptions?

Section - B

Answer any **Four** of the following.

(4×5=20)

2. Explain functions with example.
3. Explain lists with example.
4. Explain exceptions and Assertions.
5. Explain regular expression functions.
6. Write steps for database connection.

P.T.O.

**Section - C**

Answer any **Four** of the followings.

(4×10=40)

7. a. Explain if and if else statements with example.
b. Explain files with example.
 8. Define dictionary? Explain with example.
 9. Explain blackbox testing and whitebox testing in detail.
 10. Explain any five widgets of GUI in python.
 11. Explain python program to insert, delete and display Employee details in database (empid, empname, empaddress).
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