

Total No. of Questions : 5]

SEAT No. :

P-6019

[Total No. of Pages : 2

[6144]-505

T.Y. B.B.A. (C.A.)

CA-504 : PYTHON

(2019 Pattern) (Semester - V)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.

Q1) Attempt any eight of the following :

[8 × 2 = 16]

- a) What are the advantages of Pandas?
- b) State the uses of Tensor flow.
- c) Write Syntax of Raise Statement.
- d) List out any 4 label option
- e) What are the properties of Dictionary?
- f) List out geometry management methods.
- g) Difference between python list and numpy array.
- h) What is the use of random() in random module?
- i) Explain any two tuple operations with on example.
- j) List out any 5 button options in Python.

Q2) Attempt any four of the following :

[4 × 4 = 16]

- a) Explain Frame widget in thinker with example.
- b) Explain function Arguments in details.
- c) Explain any three built in dictionary function with example.
- d) Write a python program to display current date and time.
- e) Write an anonymous function to find area of rectangle.

P.T.O.

Q3) Attempt any four of the following :

[4 × 4 = 16]

- a) What are lists and tuples? What is the key difference between these two?
- b) Explain the concept of inheritance with example.
- c) Explain the features of Numpy.
- d) Write Python GUI program to create back ground with changing colors.
- e) Write a Python Program to implement the concept of queue and list.

Q4) Attempt any four of the following :

[4 × 4 = 16]

- a) Explain the features of pandas in python.
- b) Explain Exception handling in python with example.
- c) Explain methods for geometry management in tkinter with example.
- d) Write a python program to swap the values of two variables.
- e) Explain difference between local and global variable with example.

Q5) Write short note on any two :

[2 × 3 = 6]

- a) Raise Statement
- b) Package
- c) HAS-A Relationship

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