[6226]-505

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

504 CA: Python

(Semester-V) (2019 Pattern)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

   1) All questions are compulsory.

   2) Figurs to the right indicate full marks.

Q1) **Answer the following : (Any Eight)**   **[2 × 8 = 16]**

   a) Write down difference between set and dictionary in python?

   b) Define numpy.

   c) What is exception in python.

   d) Explain features of python

   e) Explain the input( ) function.

   f) Define Tkinter.

   g) How to create class and object in python.

   h) How to import package in python.

   i) Define functions in python.

   j) What is Modules.

Q2) **Answer the following : (Any 4)**   **[4 × 4 = 16]**

   a) Explain int 'float' Str, range data types with syntax and examples.

   b) Describe for loop in python with syntax and example.

   c) Differentiate between list and Tuple.

   d) What is Inheritance? Explain its types with syntax and example.

   e) Explain predefined and user defined functions with example

P.T.O.

Q3) **Answer the following : (Any 4)** [4 × 4 = 16]

   a)   Explain different types of python libraries.

   b)   Explain data time and calendar module with example.

   c)   Describe Local and Global variable with syntax and example.

   d)   Write a python GUI program to display an alert message when a button is pressed.

   e)   Write a python program to print a table of any number.

Q4) **Answer the following : (Any 4)** [4 × 4 = 16]

   a)   Explain SYS module in detail.

   b)   Explain different types of Tkinter widgets with example.

   c)   Which are the basic dictionary operations? Explain any 4 with example.

   d)   Write a program to create class which perform basic calculator operations.

   e)   Write a program to implement the concept of queue using list.

Q5) **Write short note on following : (Any 2)** [3 × 2 = 6]

   a)   Exception handling in python

   b)   Data types in python

   c)   Matplotlib library

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