

Q.1 Answer the following.(Attempt any four)

[20marks]

- Explain try except blocks with example.
- Explain any five access modes.
- Write a program to write characters of a file.
- Write a program to draw a square by importing turtle module.
- Explain how to handle division by IO error.
- Explain file objects attributes.
- Explain close function with an example.
- Explain rename and remove method.

Q.2 Answer the following.(Attempt any four)

[20marks]

- Write a program to show the use of entry widget.
- Explain checkbutton widget.
- Explain various GUI application in python.
- Explain steps to built GUI application using Tkinter programming.
- Write a program to display three radiobuttons.
- Write a program to show list of subjects in computer science.
- Write a program to make login page using Tkinter programming.
- Explain use of frames in python.

Q.3 Answer the following.(Attempt any four)

[20marks]

- What is regular expression?
- Explain insertion sort algorithm.
- Explain getcwd and rmdir in python.
- Explain Binary search in python with example.
- Write a bubble sort algorithm program in python.
- Explain mysql and python connectivity.
- Explain cursor in python.
- Explain execute function in python.

Q.4 Answer the following.(Attempt any three)

[15marks]

- Explain open function with example
- Explain mkdir and chdir with examples.
- Write a program to append text to a file.
- Write a program to draw a triangle on canvas.
- Explain message widget.
- Explain finally block in exceptions.