

Q.P. Code : 04469

- 4 Which method is used to organize widgets by placing them in a specific position in the parent widgets?
5 What is sockets?

Q. 2 Attempt the following. (Any THREE) (Each of 5Marks) (15M)

- (a) List and elaborate the different file opening modes used in python.
(b) Explain the difference between Write() and Append() methods with example.
(c) What is exception? Discuss Exception handling.
(d) Write a program in python to accept two numbers and prints division of it using exception handling. If user inputs integer the result is generated. 0 (zero) and characters should not be allowed to enter as input.
(e) Define regular expression. Explain the use of match() with proper example. Also, write the difference between match() and search().
(f) Define and explain iterator with example.

Q. 3 Attempt the following. (Any THREE) (Each of 5Marks) (15M)

- (a) Define GUI. Write any four advantages of GUI.
(b) Explain in one line following five tkinter widgets.:
(a) Entry (b) Label
(c) Menu (d) Button
(e) Checkbutton
(c) How can change font of a text? Explain.
(d) Write a GUI program in Python. To accept name and age from user in entry box and check whether user is eligible for voting or not.
(e) Define mutable variable. Explain its use with widgets. Give example.
(f) Write a program to create an arc object in canvas which start at angle 35 degrees and extents upto 80 degrees. Plot the expected output.

Q. 4 Attempt the following. (Any THREE) (Each of 5Marks) (15M)

- (a) Explain commit. How it affects on transaction. Explain with the help of proper example?
(b) Differentiate between socket.connect() and socket.bind().
(c) Write a python program to create a database 'dbemp', insert record in table 'emp' with following attribute emp_id number, emp_name string, emp_sal number.
(d) Write a note on exception handling in database connectivity in Python.
(e) What is URL? How can we read URL in python?
(f) Write a python program to send email.

Q. 5 Attempt the following (Any THREE) (Each of 5Marks) (15M)

- (a) Explain read () for file handling. Write a program in python to read first 10 lines from file.
(b) Discuss grid layout manager.
(c) What is mysql connector? How to access and connect with database using mysql connector? Give and Explain steps with example.

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(d) Explain following in one or two lines:

'with' statement

getcwd()

chdir()

Absolute path

Relative path

(e) Define widget . With the help of proper example explain entry widget in tkinter module.

