FUCS.

Paper / Subject Code: 77302 / Programming with Python II.

Q.P. Code: 04469

[Time: $2\frac{1}{2}$ Hours]	l Marks:75
Please check whether you have got the right question paper. N.B: 1. All questions are compulsory. 2. Figures to the right indicate marks. 3. Illustrations, in-depth answers and diagrams will be appreciated. 4. Mixing of sub-questions is not allowed.	
Q. 1 (a) Attempt All (Each of 5Marks) Multiple Choice Questions 1. Which function is used to close a file in python? a) close() b) Stop() c) End() d) Finich()	(15M)
c) End() d) Finish() 2. How do you get the current position within a file? a) fileobject.Loc() b) fileobject.tell() c) fileobject.seek() d) fileobject.tail()	
3. Full form of GUI is a) Graphical Use Interface b) Graph User Interface c) Grammar User Interface d) Graphical User Interface	
 4 widget option is used to size the canvas in the Y dimension. a) Width b) Length c) Y-dim d) Height 	
5. When we send data to a URL with HTTP, this is often done using a) RECEIVE b) POST c) SEND d) GET	
(b) Fill in the blanks 1 is/are built-in function/s to read a line of text from standard input i.e. keyboard. 2 mode is used to open file to read in binary format.	(5M)
frames, widgets etc. We create a text widget by using the	
is a protocol, which handles sending e-mail and routing e-mail between mail servers. (c) Short Answers.	(ENA)
Define File.What is the use of finally in exception handling?Which module is used to display message boxes in applications?	(5M)

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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.

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