

Q.P. Code : 04468

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

(15M)

- (a) Explain in detail python file functions for reading, writing, positioning, and seeking within file contents?
- (b) Explain different techniques for reading files such as Read and ReadLines.
- (c) Explain how to create a directory, how to change a directory and how to remove a directory in python.
- (d) What is the use of Iterator? Explain with example.
- (e) Explain the followings:
 - 1) Try 2) Except 3) Finally
- (f) What is regular expression? Explain with example.

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

(15M)

- (a) Explain GUI in python and state its advantages and disadvantages.
- (b) What is grid layout? Give suitable example.
- (c) What are the different types of messagebox available in message widget of tkinter module?
- (d) With the help of proper example explain radiobutton widget in tkinter module.
- (e) Write a python GUI that contains three Radio buttons for colors "Red", "Green", and "Blue". Display selected color on a label.
- (f) Write a python Canvas program to draw Circle, Polygon and Arc with effects.

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

(15M)

- (a) What is mysql connector? How to access and connect with database using mysql connector? Give and Explain steps with example.
- (b) Write a python program to insert a value in database table emp with following attribute emp_id number, emp_name string, emp_sal number.
- (c) How to execute different types of statements on a database table? Explain with examples.
- (d) Differentiate between socket.connect() and socket.bind().
- (e) What is cursor? Explain it with example.
- (f) Explain URL with example.

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

(15M)

- (a) How to apply font on tkinter widgets? Explain with examples.
- (b) With the help of proper example explain listbox widget in tkinter.
- (c) Write a python program to write the data into the file.
- (d) Explain in brief following exceptions:
 - 1) Exception
 - 2) ZeroDivisionError
 - 3) ValueError
 - 4) Nameerror
- (e) Write a python program to send email.