



Regulation R17

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code:1P7FC

**B.Tech IV Year I Semester Supplementary Examinations, July 2022**  
**PYTHON PROGRAMMING**  
**(INFORMATION TECHNOLOGY)**

Maximum Marks: 70

Duration: 3 hours

Part-A

Answer all the following questions

(10x2M=20 Marks)

- 1 Define triple quotes in python.
- 2 What is a comment and how do you define it?
- 3 List out different file built-in functions.
- 4 What is the use of mode property in files?
- 5 Define a regular expression.
- 6 Which module has to be imported for regular expression?
- 7 Define GUI.
- 8 Define Tkinter.
- 9 How do you create a table.
- 10 What is an internal error?

Part-B

Answer all the questions.

(5X10M=50Marks)

- 11 Define python and explain its features. [10]  
OR
- 12 What are the different operators in python and explain them with an example? [10]
- 13 Explain in detail about file built-in methods and file built-in attributes. [10]  
OR
- 14 Discuss the following methods associated with the file object  
i) read () ii) read line() iii) read lines() iv) tell() v) seek() vi) write() [10]
- 15 Examine how python supports regular expressions through the 're' module with brief introduction and various built-in methods related to it. [10]  
OR
- 16 Explain briefly about thread and threading module objects in Python. [10]
- 17 Explain in detail about Tkinter with python programming. [10]  
OR
- 18 Give an overview and demonstration of building web applications using python's CGI module. [10]
- 19 Explain briefly about cursor object and its attribute's. [10]  
OR
- 20 Discuss briefly about database and python. [10]