



R18 Regulation
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code:208FA

B.Tech VIII Semester Supplementary Examinations, April 2023

PYTHON PROGRAMMING
(IT)

Maximum Marks: 70

Date:05.05.2023 Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Explain the input() built-in function
- 2 What is the significance of Indentation?
- 3 List all the comparison operators of Python
- 4 What role does the pass statement play in Python code?
- 5 Discuss the globals() built-in function
- 6 Mention any four list methods
- 7 Give the syntax for renaming a file
- 8 Define a module.
- 9 How to make a Python class member variable hidden from outside the class
- 10 Write the syntax for raising an exception

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 Write a Python program to covert temperature value from Centigrade to Fahrenheit. [10]
OR
- 12 What are identifiers? Discuss the rules to name an identifier. [10]
- 13 Explain the operators in Python? Describe specifically about identity membership operator. [10]
OR
- 14 A. Explain about iteration statements with examples. [5]
B. Write a Python program that prints multiplication table of a given number. [5]
- 15 Write a Python program to read a word and print the number of letters, vowels and percentage of vowels in the word using a dictionary. [10]
OR
- 16 A. Distinguish between local and global variables with examples. [5]
B. Explain about fruitful functions with suitable examples. [5]
- 17 Explain the following built-in functions with clear syntax, description and illustration: [10]
a) open() b) file() c) seek() d) tell() e)read()

OR

- 18 Discuss about Python modules and packages in details. [10]
- 19 A. Describe data hiding and constructors. [5]
B. Explain user defined exceptions in Python? [5]
- OR
- 20 How to handle an exception using try except block? Explain with the help of a program. [10]