



R17 Regulation

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

Subject Code:1E1AD

B.Tech. I Year I Semester Regular Examinations, April 2022

Computer programming in C

(Common to Civil Engineering & Mechanical Engineering)

Maximum Marks:70

Date:07.05.2022 Duration: 3hours

Part-A

Answer all the following questions

10x2M=20 Marks

1. Define Flowchart.
2. What is a keyword?
3. Define an array.
4. What is function?
5. Define the Pointer.
6. What are memory allocation functions?
7. Define the Stack.
8. Mention the differences between structures and unions.
9. Define getchar()
10. Write a program using fopen() and fclose() functions.

PART-B

Answer all the following questions

5X10M=50M

11. Write a program for selection of operators using switch. 10M
- OR
12. Write the syntax for the following. 10M
i)for ii) While iii)do-while
13. What is a storage class? Write a program using register and extern storage classes. 10M
- OR
14. Write the program for the Matrix Multiplication. 10M

15. Write a program to copy one string to another string without using string handling function. 10M
- OR
16. Write a program for call by reference. 10M
17. Explain the Structures containing Arrays. 10M
- OR
18. Explain about command line arguments and preprocessor commands. 10M
19. Explain about file operations 10M
- OR
20. Differentiate between text files and binary files. 10M