**UNIVERSITY COLLEGE OF ENGINEERING (BIT CAMPUS), TIRUCHIRAPPALLI-620 024**

**First Internal Assessment Test**

**Department of CSE / IT**

**Subject Code :** EC8393

**Subject Name :** FUNDAMENTALS OF DATA STRUCTURES IN C

**Date&Duration :** 13.08.2018 & 1.30Hrs **Marks:50**

**Degree/Branch:** B.E/ECE Sec’A’ **Year/Semester:** II / III

**PART-A**

**Answer *All* Questions 7 x 2 = 14**

1. Define compiler and interpreter.
2. What is the difference between while and do while loop?
3. What are the rules for declaring variables?
4. State the Structure of ‘C’ program.
5. Define strcmp() and strcat() with syntax.
6. What is the difference between getche() and getchar() function?
7. What are data types in ‘C’?

**PART-B**

**Answer any three Questions 3 x 12 = 36**

1. Explain in detail about various types of Operators in ‘C’ with suitable example.
2. What is control structure? Explain in detail about looping statements with example.
3. Explain in detail about managing I/O operations with suitable examples.
4. What is Array? Explain in details about types of array with

suitable examples.

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