Code No: 132AD

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B.Tech I Year II Semester Examinations, November/December - 2020
COMPUTER PROGRAMMING IN C
(Common to EEE, ECE, CSE, EIE, IT, ETM)

Time: 2 hours   **Max. Marks: 75**

Answer any five questions
All questions carry equal marks
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1.a) Explain in detail about C-Tokens.
  b) Explain about operator precedence and operator associativity.   [7+8]

2.a) Explain 2-dimensional arrays with an example.
  b) List and explain storage classes in detail.   [7+8]

3.   Explain in detail about Memory Allocation Functions with examples.   [15]

4.a) Explain in detail about Nested Structures with an example program.
  b) Discuss about typedef and enumeration with an example.   [7+8]

5.a) Explain File handling functions.
  b) Write a C program to count the number of characters, words and lines in a file.   [7+8]

6.   Explain in detail about Iterative Control Statements in detail.   [15]

7.a) Write a program to implement linear search.
  b) Explain about inter function communication in detail.   [7+8]

8.   Define Pointer and write a program to implement pointer to function.   [15]

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