

Roll No. ....

**24006**

**B. Tech. 2nd Semester (Common for All  
Branches) (Re-appear)**

**Examination – October, 2020**

**FUNDAMENTALS OF COMPUTER & PROGRAMMING IN C**

**Paper : CSE-101-F**

*Time : 1.45 Hours ]*

*[ Maximum Marks : 100*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt any **three** questions. All questions carry equal marks.

1. Write short note on the following :

- (a) I/O Devices
- (b) DNS
- (c) User defined functions
- (d) Malloc

2. Define microprocessor. Explain. its generation in detail.

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3. Explain the following :
  - (a) DOS
  - (b) Windows XP
  
4. Describe the following :
  - (a) Interpreter
  - (b) Low Level Languages
  - (c) Linker
  
5. Explain the following :
  - (a) TCP/IP reference model
  - (b) Backbone Network
  
6. Define 'C' Language and explain the following :
  - (a) Operators
  - (b) Decision making and branching
  
7. Explain the following :
  - (a) Array of structure
  - (b) Structure with structure
  
8. Define file. Explain different operators on files.
  
9. Explain the following :
  - (a) Chain of pointers
  - (b) Pointers to functions