

**(DEC 322)**

**B.Tech. DEGREE EXAMINATION, MAY - 2015**

**(Examination at the end of Third Year)**

**ELECTRONICS & COMMUNICATIONS**

**Paper - II : Microprocessors & Interfacing**

**Time : 3 Hours**

**Maximum Marks : 75**

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*Answer question No.1 compulsory*

*(15)*

*Answer ONE question from each unit*

*(4 × 15 = 60)*

- 1) a) What is Register?
- b) Why Address Bus is unidirectional?
- c) Write the Parts of Microcomputer?
- d) What is WAIT Instruction?
- e) Define T-State.
- f) Write Minimum mode Signals (pins).
- g) Define Software.
- h) What is the function of Direction Flag(DF)?
- i) What is Operand?
- j) What is the difference between CALL and INT Instruction?
- k) Define Assembler.

**UNIT - I**

- 2) a) Discuss about special functions of general purpose registers of 8086.
- b) Explain the different types of flags available in 8086 with neat flag register format.

OR

