

**Sree Chaitanya Mahavidyalaya**  
**M.Com. (Semester-1) Examination-2021**  
**Information Technology in Business – Theory -Paper-COMPAEC01M**

**Full Marks-30****Time-2 Hours**

**Group-A**

1. **Answer any ten questions** **(1 × 10)**
- (a) Convert  $(55.25)_{10} = (?)_2$
  - (b) Define Information Technology.
  - (c) Convert  $(AF6)_{16} = (?)_2$
  - (d) Explain NAND gate.
  - (e) What is network?
  - (f) Define LAN.
  - (g) Convert  $(11010)_2 = (?)_{10}$
  - (h) What is principal of duality.
  - (i) Define XOR gate.
  - (j) What is Internet?
  - (k)  $(101010 - 11100)$
  - (l) Using 2's complements perform  $(1101 - 1001)$
  - (m)  $(111011 + 100111)$
  - (n) What are I/O Devices?

**Group-B**

**Answer any two questions**

**(2 × 10)**

- 2. Define combinational Circuit . Draw full adder circuit with truth table.
- 3. What is topology? Define any one.
- 4. Discuss all boolean algebra laws.
- 5. Explain the concepts of the following e-commerce models with examples : B2B, B2C, C2C.

**Send your answer scripts to this e-mail**

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