

**UNIVERSITY OF CALCUTTA**

**FAKIR CHAND COLLEGE**

**B.Sc. (HONOURS) SEMESTER-I, 2021**

**INTERNAL ASSESSMENT**

**PAPER – CMSA-CC-1**

**F.M. – 10**

1. Answer any **five** question:  $2 \times 5 = 10$
- a) Differentiate between SRAM and DRAM.
  - b) What is fan out of a logic gate?
  - c) What is biased exponent?
  - d) Realize EX-NOR by NAND gates only.
  - e) Perform  $(52)_{10} - (62)_{10}$  using 2's complement method.
  - f) Draw circuit diagram of 2-input TTL NAND gate.

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**B.Sc. (HONOURS) SEMESTER-I, 2021**

**INTERNAL ASSESSMENT**

**PAPER – CMSA- CC2**

**F.M. – 10**

1. Answer any **five** question:  $2 \times 5 = 10$
- a) What is data type ?
  - b) Define operator.
  - c) Define arithmetic operator.
  - d) Define pointer in C.
  - e) What is recursion ?
  - f) What is bit manipulation ?