

**UNIVERSITY OF CALCUTTA**

**FAKIRCHAND COLLEGE**

**B.Sc. (GENERAL) SEMESTER-1, 2021**

**INTERNAL ASSESSMENT**

**PAPER – CMSG-CC-1-1**

**F.M. – 30 TIME- 1hr**

(Answer Question **no.1** and any **four** from the rest)

- |  |             |
|--|-------------|
| 1. Answer any <b>four</b> question:                                      | 1.5 × 4 = 6 |
| a) What is input device ?  |             |
| b) Define cache memory.  |             |
| c) What is storage device ?  |             |
| d) What is bit ?   |             |
| e) $1101_2 = (?)_{10}$   |             |
| f) Full form : VDU.  |             |
| g) What is computer Virus ?  |             |
| 2. What are the differences between data and information?                | 6           |
| 3. What is translator? How many types of translator are there?           | 3 + 3       |
| 4. Define software. How many types of softwares are there?               | 2 + 4       |
| 5. Draw a block diagram of a computer system.                            | 6           |
| 6. What are the differences between ROM / RAM and Monitor/Printer.       | 3 + 3       |
| 7. Short notes : BCD, ASCII  | 3 + 3       |
| 8. a) $111011_2 + 101101_2 = \{?\}_2$ b) $111011_2 - 101101_2 = \{?\}_2$ | 3 + 3       |