UNIVERSITY OF CALCUTTA

FAKIR CHAND COLLEGE

B.Sc. (GENERAL) SEMESTER-V, 2021

INTERNAL ASSESSMENT

PAPER – CMSG-DSE-A-5-1

F.M. – 30   **TIME- 1hr**

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

1. Answer any *four* question: 1.5 × 4 = 6
   a) What is schema?
   b) Define data dictionary.
   c) What is an entity?
   d) Define instance.
   e) Define tuple.
   f) What is SQL?
   g) What is weak entity set?

2. Distinguish between traditional file system and DBMS.   6
3. Define attribute. How many types of attributes are there in DBMS?   3 + 3
4. What is data independence? Explain types of data independence.   2 + 4
5. Explain the 3-level architecture in DBMS.   6
6. Describe the DDL and DML in DBMS.   6
7. Explain the keys used in DBMS.   6
8. Describe the role of DBA .   6
9. State the advantages and disadvantages of DBMS.   6