

**Derozio Memorial College  
Rajarhat Road  
Kolkata-700136**

**Internal Evaluation 2021  
CMSA 4<sup>th</sup> Semester, Paper- CMSACOR10T  
Dept. of Computer Science**

**Full Marks: 20**

**Time – 1 Hour**

**Answer the following questions.**

**5 X 4 = 20**

- 1. What is weak entity set? How it can be incorporated into an ERD?**
- 2. What is Data Independence? Describe its types.**
- 3. Define Normalization. Show that BCNF is more efficient than 3NF.**
- 4. Define Aggregation. Describe with an example.**
- 5. Show an example of Division operator of Relational Algebra.**