

## Assignment - 1

Subject / Subject Code	Semester / Branch	Issue Date	Due Date
DMS(01CT0407)	4 <sup>th</sup> – ICT	10-April-2024	20-April-2024

Sr. No.	Questions
1	Explain the three level architecture of DBMS with a neat diagram.
2	Define DBA and Explain the roles of DBA.
3	Explain advantages and disadvantages of Conventional File-Based system over Database Management System.
4	Discuss Generalization and Specialization in E-R diagrams with suitable diagrams.
5	Draw an Entity Relation diagram for the Hospital Management System.
6	<p>List out Fundamental Relational algebra Operators and explain the following Operators with examples.</p> <ul style="list-style-type: none"> <li>1) Selection</li> <li>2) Projection</li> <li>3) Cross Product</li> <li>4) Division</li> <li>5) Set Operators</li> <li>6) Aggregate Functions</li> </ul>
7	Explain types of Joins in detail.