

**GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG**  
**ASSIGNMENT QUESTION (2024)**  
**CLASS-BSC-IV SEMESTER (DSC)**  
**COURSE CODE – BCS-401(L)**  
**SUBJECT- DATABASE MANAGEMENT SYSTEM**

**Max.Marks: 15**

**Note:** Section 'A' & 'B' containing 1 very short-answer-type questions, is compulsory. Section 'C' consists of short answer type questions and Section 'D' consists of long answer type questions.

**Section - 'A'**

**Answer the following very short-answer-type questions in one or two sentences: (1×1=1)**

Q.1 Define DBMS?

**Section - 'B'**

**Answer the following very short-answer-type questions in one or two sentences: (1×1=1)**

Q.2 Explain Data Dictionary?

**Section - 'C'**

**Answer the following long answer type questions in word limit 150-200: (2½×2=5)**

Q.1 Explain Different types of DBMS users?

**OR**

Explain Different Types of Database language?.

Q.2 What is UML ? Explain class diagram with example?

**OR**

Explain Different types of dbms keys with example?

**Section - 'D'**

**Answer the following long-answer-type questions with word limit 300-350: (4x2=8)**

Q.1 Explain three layered architecture of DBMS with its functionality?

**OR**

Explain Data models with example?

Q.2 Explain specialization, generalization and aggregation with suitable example?

**OR**

Explain Entity Relational Model Concept in Detail? What are the notation used in E-R Diagram?