Code No.: DS514PE

R20 H.T.No. | | 8 | R | | | |

CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–I–Semester End Examinations (Supply) – December 2024
INTELLIGENT DATABASE SYSTEM
(CSD)

[Time: 3 Hours]   [Max. Marks: 70]

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 20 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks.

PART-A   (20 Marks)

1. a)	List two characteristics of IDBS.	[2M]
b)	What is Domain?	[2M]
c)	Define ODMG?	[2M]
d)	List issues of active database system.	[2M]
e)	Define DATALOG?	[2M]
f)	What are the research prototype?	[2M]
g)	Explain the integral approach ?	[2M]
h)	How knowledge is gain from DBMS?	[2M]
i)	What is Ontology?	[2M]
j)	Define basic indexing method?	[2M]

PART-B   (50 Marks)

2. Compare data model and relational data models. [10M]

OR

3. What are the guidelines of intelligence database systems? [10M]

4. Discuss in detail about nested relational model. [10M]

OR

5. Give a note on Starburst rule system. [10M]

6. Explain the characteristics of knowledge based systems? [10M]

OR

7. Differentiate deductive database systems and logic programming systems. [10M]

8. Write short notes on tight coupling approach. [10M]

OR

9. Explain about CYC project? [10M]

10. What are the application of mediators to heterogeneous systems? [10M]

OR

11. Describe main issues in designing a multi agent system. [10M]

****