



**GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY**

(Accredited by NAAC “A+” Grade)

**DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS**

II B.Sc.

Semester-IV

**Database Management Systems**

MODEL QUESTION PAPER (W.E.F 2023-2024)

**Time: 2 ½ Hrs.**

**Max Marks: 50 M**

**SECTION - I**

**Answer any FIVE questions**

**5 X 3= 15M**

1. Write a short note on Data, Information, Database with examples.
2. Write a short note on Drawbacks of file-Based System.
3. Write a short note on generalization and specialization.
4. Write a short note on attribute set classification.
5. Write a short note on tuple relational calculus.
6. Write a short note on advantages of relational algebra.
7. Write a short note on aggregation functions in SQL.
8. Explain structure of PL/SQL.

**SECTION - II**

**Answer the following questions**

**5 X 7 = 35M**

9. Explain about components of Data Base Management Systems.

(OR)

10. Explain classification of Data Base Management Systems.

11. Explain about relationship degree and relationship classification.

(OR)

12. Explain about building blocks of entity relationship diagram.



13. Explain CODD rules.

(OR)

14. Explain first normal forms, Second normal forms, third normal forms.

15. Explain DDL commands with examples.

(OR)

16. Explain join operation and set operation with examples.

17. Explain database triggers.

(OR)

18. Explain control structures PL/SQL.