ISLAMIAH COLLEGE [AUTONOMOUS], VANIYAMBADI
END SEMESTER EXAMINATIONS – MAY - 2020

Time: 3 Hrs   Max. Marks: 75

Subject: Database Management System
Sub. Code: U0CS6001 / U0SW6001

PART - A (10 X 2 = 20)
Answer ALL the Questions

1. Define schema

2. Describe Entity – Relationship model.

3. What is Foreign key?

4. What is the usage of projection?

5. What is DBA?

6. Define BCNF normal form.

7. Differentiate hierarchical and network model.

8. Define function?

9. Define cursors.

10. What are the various DML commands?

PART - B (5 X 5 = 25)
Answer ALL the Questions

11. (a) What is the purpose of database system? Explain

(OR)

(b) Write in brief about Data-definition language.

12. (a) Explain BCNF with examples.
(OR)
(b) Write about the various keys used in relational database design.

13. (a) Explain in detail about the string operations
(OR)
(b) What are the various Aggregate functions? Explain

14. (a) Define various keys used in DBMS.
(OR)
(b) State and explain the 3NF with example

15. (a) Discuss in detail about triggers with example
(OR)
(b) Explain in detail about procedures.

PART - C (3 X 10 = 30)
Answer any THREE Questions

16. Explain in detail about Database Architecture

17. What are the Relational algebra operations? Explain

18. Discuss in detail about fourth normal form and BCNF.

19. Write in detail about the modification of databases.

20. Discuss embedded SQL in detail.

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Sanitize Your Hands
Wear Face Mask
Follow Social Distancing Norms