936 Register No.:

April 2019

Time – Three hours
(Maximum Marks: 75)

[N.B: (1) Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory. Answer any FOUR questions from the remaining in each PART – A and PART – B

(2) Answer division (a) or division (b) of each question in PART – C.

(3) Each question carries 2 marks in PART – A, 3 marks in Part – B and 10 marks in PART – C.]

PART – A

1. What is a meta data?
2. What is a temporary table?
3. What is the use of order by and group by clauses?
4. What is a unique key?
5. What do you mean by dropping a view and how do you do it?
6. What is a stored procedure?
7. What do you mean by data mining?
8. What are the important components of database?

PART – B

9. Explain hybrid databases.
10. Define (i)Records (ii)Tuples and (iii)Attributes.
11. Write the syntax and example of the following database commands. (i)Creating (ii)Selecting (iii)Describing.
12. Explain correlated sub query with an example.
13. Explain union, union all and distinct with examples.
14. Explain the use of commit and rollback commands with example.
15. What are the advantages of stored functions?
16. Write down the various functions of warehouse.

[Turn over.....

PART – C

17. (a) Explain Codd's rules.

(Or)

(b) (i) Explain various DBA tools.
(ii) Explain in detail about backup and recovery.

18. (a) Write about the different features of MySQL.

(Or)

(b) Explain with syntax and example of any 5 aggregate functions.

19. (a) Explain different types of joins with examples.

(Or)

(b) Explain the commands used for the following with proper examples. (i)Creating user (ii)Deleting user (iii)Renaming user (iv)Granting permissions to user.

20. (a) Write the advantages and disadvantages of InnoDB and MyISAM.

(Or)

(b) Explain how query optimization is done in MySQL.

21. (a) Write down the characteristics and applications of big data processing.

(Or)

(b) Explain the following operations on NoSQL databases with examples (i)Create (ii)Access (iii)Update (iv)Delete.
