335 Register No.: ____

October 2018

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 meant by data dictionary?
2. What do you mean by MySQL workbench?
3. What are transactions?
4. What are storage engines?
5. What do you mean by query optimisation?
6. What is data warehousing?
7. What are the different types of data stores in NoSQL?
8. What is the use of limit clause?

PART – B

9. Define database management system and data models.
10. How do you access MySQL using command line?
11. Explain inner join with syntax and an example.
12. Explain commit and rollback statement.
13. What are stored functions? How do you create it?
14. Write down the advantages of data mining.
15. Explain key value store with an example.
16. Explain client server system.

[Turn over.....

PART – C

17. (a) Explain the different types of databases.

(Or)

(b) Explain 2nd and 3rd normal form.

18. (a) Explain CREATE, USE, DESC and SHOW commands with syntax and example.

(Or)

(b) Explain ORDER BY, GROUP BY and HAVING clauses.

19. (a) Explain full text indexing and left most indexing.

(Or)

(b) How do you create, update and delete views?

20. (a) Explain cursers in detail.

(Or)

(b) Explain about MySQL's API.

21. (a) Explain the various tools used in big data.

(Or)

(b) How do you create, access, update and delete data in NoSQL?
