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Paper Code :DCS-117
Roll No.

MCA-3
1st Year Examination, Academic Batch 2018
Data Base Management System

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **five** questions. Each questions carry equal marks.*

1. What do you mean by DBMS? Explain DBMS architecture with diagram.
 2. What are the main functions or a role of DBA?
 3. Explain in detail the relational model.
 4. Define functional dependency? What do you mean by lossless decomposition? Explain with suitable example.
- Q.5 Discuss Normalization and its all forms?
- Q.6 (a) Discuss sequence and views?
(b) Describe with an example how you will delete Rows from a table ?
- Q.7 How are views updated? What are the restrictions in updating views ?
- Q.8 Discuss:-
- (a) LOG
 - (b) TANH
 - (c) GREATEST
 - (d) LEAST