

Subject: Introduction to RDBMS

Day: Wednesday
Date: 10/10/2018

Time: 12.00 NOON TO 02.00 PM
Max. Marks: 40

W-2018-0938

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw diagrams **WHEREVER** necessary.
 - 3) Figures to the **RIGHT** indicate full marks.
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- Q.1** Answer **ANY TWO** of the following: (10)
- a) Explain conceptual designing with the help of E-R modeling.
 - b) Differentiate between Physical and logical Files.
 - c) Explain relational data model in detail.
- Q.2** Answer **ANY TWO** of the following: (10)
- a) Explain DML statements in SQL.
 - b) Explain intersection operation in RDBMS.
 - c) Discuss the advantages and disadvantages of SQL.
- Q.3** Answer **ANY TWO** of the following: (10)
- a) Explain group by operator with suitable example.
 - b) Give the syntax and example for order by statement in SQL.
 - c) Explain Index File organization.
- Q.4** Answer **ANY FIVE** of the following: (10)
- a) State the different types of attributes.
 - b) What is dense index?
 - c) What is collision?
 - d) Give the syntax and an example of AND operator in SQL.
 - e) What is LIKE operator?
 - f) What is network model?
 - g) State the syntax of DELETE statement in SQL.

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