CS3095D DBMS Lab

Exercise 05 - Normalization

Date: 28.09.2021   **Marks: 02**

Evaluation – I

Set - A

(Answer all questions)

1. Consider the relation schema R (A, B, C), which has the FD B → C. A is a candidate key for R. Under what conditions, is it possible for R to be in BCNF? If not, explain why not. **(0.5 Marks)**

2. A relation with only two attributes is always in _____.   **(0.5 Marks)**

3. For a relation schema R (A, B, C, D, E) with functional dependencies {A → B, A → C, A → D, D → E and A → E}. Identify the normal form of the relation. Justify.   **(1 Marks)**

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