

**B. H. Gardi College of Engineering & Technology****CSE / IT****Semester: 3 – GTU****Academic Year: 2012-13****Database Management Systems (130703)****Theory Assignment – 2****1) Define Following Terms.**

- |                |                        |
|----------------|------------------------|
| (a) Attribute. | (d) Tuple.             |
| (b) Domain.    | (e) Relation Schema.   |
| (c) Relation.  | (f) Relation Instance. |

**2) Explain super key, candidate key, primary key and foreign key.****3) Explain fundamental relational algebra operations with examples.****4) Explain set intersection, natural join, division, generalization, aggregate functions.****5) Explain outer join and its types.**