

## Computer 2<sup>nd</sup> Year Short and Long Question

### Chapter No 04 Short Question

1	What is meant by data integrity? What are the two types?
2	Define referential integrity. How can it be achieved?
3	Define problem of mutually exclusive data in a database. Give an example.
4	What is Homonym?
5	Explain functional dependency with an example.
6	What is normalization?
7	Explain transitive dependency with an example.
8	When is a relation in 3NF?
9	Define Database Anomalies.
10	Describe partial dependency.
11	What is a repeating group?
12	Define an insertion anomaly in a database. Provide an example.

### Chapter No 04 Long Question

1	When is a relation in first normal form? Explain with example.
2	What are the conditions for a relation to be second normal form? Give Example.
3	When is a relation in Third normal form? Explain with example.