



LGS GROUP OF COLLEGES

A PROJECT OF LAHORE GRAMMAR SCHOOL

Sheet # _____

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Class 12th

Roll No 230307

Topic Computer

Test No W-8

Date _____

A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	Marks Obtained	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
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Question # 2

(i)

Q.1. **Data integrity** means the correctness and consistency of data. It is another form of data-base protection. It is maintained with the help of integrity constraints.

(ii)

Q.2. The **entity integrity** states that any attribute of a primary key can't contain a null value. It is because the primary key is used to uniquely identify a record in the relation. It is not possible to uniquely identify a record in a relation if primary key contains null value.


(iii)

Q.3. The **referential integrity** states that if a foreign key exists in a relation, the foreign key value must **match** the primary key value of some tuple in a ^{dependent} relation.

(iv)

Q.4. **Synonyms**

A synonym is a type of problem in the relation.



that occurs when two different names are used for the same attribute.

Homonymy:

A homonym is a type of problem in the relation that occurs when the same name is used for two different attributes. Different names must be used for different attributes.

(v)

Ans Redundancy is a type of problem in the relations that occurs when the same name is used for two different attributes or forms.