ASSIGNMENT - COMPUTER / XII [ICS / FA] TOPICS Chap# 4 [Complete] per Code: 1208 Name: tabia Albab Roll No. ax. Marks: 15 Objective + Subjective Time:

SECTION-I OBJECTIVE TYPE

Four possible answer A, B, C and D to each question are given. The chaink is correct, fill that circle in front of that question with Marker or answer-book. Cutting or filling two or more circles will result in zerquestion.

1	Which form of dependency is removed in	n 3 ^{NF}
	A Functional	B Non-Functional
	C Associative	D Transitive
2	In relational database a table is also call	ed
	A Tuple	B Relation
	C File	D Schema
3	In 3NF a non-key attribute must not depo	end on a
	A Non-Key Attribute	B Key Attribute
	C Composite Key	D Sort Key
4	Different attributes in two different table	es having same name are called
	A Synonym	B Homonym
	C Acronym	D Mutually Exclusive
5	Every relation should have	
	A Primary Key	B Candidate Key
	C Secondary Key	D Mutually Exclusiveness

SECTION-II SUBJECTIVE TYPE

rite short answers of any five from the following questions.

What is data integrity?

What is meant by entity integrity?

Define referential integrity.

Differentiate between synonym & homonym.

What is meant by redundancy?

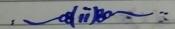
Subjective Type

Duestion # 2:

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Data Integrity:

Data integrity means that the seliability of the accuracy of data. Integrity sules are designed to keep the data consistent and correct. These rules act like a check on incoming data. Enforcing data intergrity shows that the quality of data in database.



Entity intergrity:

It is a concept in DBMS that ensures each record in table can be uniquely identified. It is a fundamental principle of relational database desgin aimed at maintaining data accuracy and consistency.

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Refrential integsity:	
It states that foreign key exist in a relation, the foreign key value must match primary key value of some tuple in present relation. It preserves the defined relationship between relations when records are added / deleted.	
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Synonym	
It is a lype of problem in > It is a type of a problem is a relation that occurs when a relation that occurs when two different names are the same name is used for used for the names of attributes must be be same.	
, _d(v)	
Redudancy:	
It is a type of problem in selation that occur when same information is unessessivally stored in two differ ways.	
Employ ID, Employee Name, DOB, Age	