**Specific Questions for the Multiple Choice Test:**

**Give Written Answers to these (DO THE ONES IN BOLD FIRST)**

Q1. If I use the term Unique Identifier – what Normal form would I be discussing

2nf 1nf

Q2. Foreign Key is used to do what?

Connect/join two tables together

Q3. Two ENTITIES are said to \_\_\_\_\_\_ to one another. (Which term is right): join, relate, link, hook-up

Q4.

Display a 1: 1 relationship Person to Nose

Display a 1: M relationship Restaurant Order to Customers

Display an M: M relationship Students to Lecturers

**Q5. Which is typical of a primary key in a college student record system (student table)**

Student\_ID

**Q6. Which is typical of a primary key in a car registration system (car table)**

Reg\_ID Reg\_Number

**Q7. What does the abbreviation DBMS stand for?**

Database Management System

Q8. I use the term ‘atomic’ what Normal form would I be discussing

First normal form 1nf

Q9. Unnormalised form – means what:

A listing of attributes-unsorted-no primary key allocated yet

**Q10. What is meant by the abbreviation ERD?**

Entity relationship diagram

**Q11. What symbol is used to represent a table in an ERD? (Draw it)**

Q12. Define what a Mandatory relationship is: (TOUGH QUESTION)

It is where the relationship between tables is required

Q13. Define what an Optional relationship is: (TOUGH QUESTION)

It is where the relationship between tables is not required

Q14. What is 2nd Normal Form?

Its where the

Q15. What is 3rd Normal Form?

This is where all transitive dependencies are identified

**Q16. Select the correct data type for the attribute: (Draw a line between the correct ones)**

|  |  |
| --- | --- |
| **Attribute** | **Data type** |
| Date of Birth | Varchar (text) |
| Vehicle Registration | Date/time |
| ID Number | Currency |
| Income Tax | Number |