Explain the following clearly, as they relate to databases:

Entities

Referential integrity

Records

Fields/Attributes

Queries

Reports

Good interactive interface

Creation of Charts

Security

Validation

Use of the expression builder to do calculation

Macro

Use of visual basic to do calculations

Use of input mask

P2

Frontend design

       Forms with control for interactivity design (drawings required)

       Report design-grouped and ungrouped report with calculated fields

       Main switchboard

Backend design

       E-R diagram design showing relationship

       Data Dictionary (A table showing field names, data types, field size and description)

       Normalisation at least up to the 3 Normal Form

       Query design

       Test plan

M1

Explain very clearly with detailed examples what referential integrity is

The purpose of the primary key

D1

Discuss potential database errors e.g normalization errors, improper field name, poor documentation, lack of validation etc.