Q1/Attempt with 3 only:
   a- What is the Database administers (DBA)?
   b- What are the difference between the DBMS and file-processing system?
   c- Show the structure of a typical DBMS base on the relational model
   d- what are the levels of data abstraction? Mention their features
   [15 marks]

Q2/ Attempt with 3 only:
   a- Explain the two type of participation constraints with examples by E.R?
   b- Suppose employees of bank may have jobs at multiple branches with
different jobs at different branches, show that by E.R
   c- By E.R show the week entity relation
   d- By E.R show the example of class hierarchies
   [15 marks]

Q3/ Attempt with 3 only:
   a- What is aggregate function of SQL? Briefly describe?
   b- Creates two tables and joins it by SQL?
   c- List the table modification commands in SQL?
   d- Union a two table in SQL and show the result?
   [15 marks]

Q4/ Define (3 only):
   a- File organization
   b- Hashed function
   c- Indexed files
   d- Hierarchical data model
   [5 marks]