3. Specify the following queries for the COMPANY database (Figure 1) in relational algebra.

    (a) Retrieve the birth dates of all male employees. [6]

    (b) Retrieve the names of all dependants of people working on Project No. 8. [6]

    (c) For every project located in Warwick, list the project number, the number of the controlling department along with the manager's last name. [6]

    (d) Retrieve the numbers of all projects such that all employees from Department No. 7 work on them. [7]

Total mark for this question: 25