

## 1994 Paper 12 Question 8

### Databases

What are the primitives in terms of which a network data model is presented?  
[4 marks]

Explain how such a data model is specified in the CODASYL Schema Data Definition Language.  
[6 marks]

How does an application programmer in COBOL gain access to a CODASYL database?  
[3 marks]

Describe the COBOL programmer's model of the database, illustrating your answer with suitable data manipulation commands.  
[7 marks]