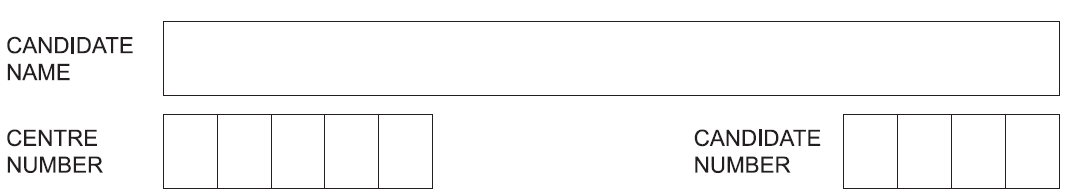
****



**OVERSEAS UNIVERSITY PREPARATION PROGRAMME (OUPP)**

**2015 February – Examination Theoretical**

**End Term Examination**

**Computer Science**

**1:30 Hour 80 Marks**

**READ THESE INSTRUCTIONS FIRST**

Write your name on the work you hand in.

Write in dark blue or black pen in the space provided.

You may use a soft pencil for any diagrams, graphs or rough working.

Answer all questions.

When you finish, check your work carefully and remain silent until your paper is collected.

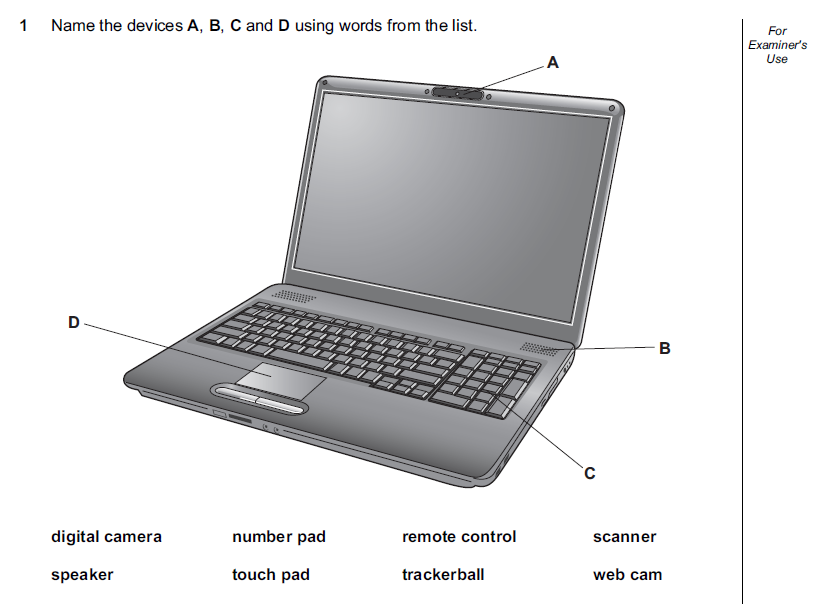
No **CELL PHONES, TRANSLATORS OR HEADPHONES** are permitted to be used.

|  |
| --- |
| **Comment** |

**Name devices (w12-11)**

**1**

**4**



**A Webcam**

**B Speaker**

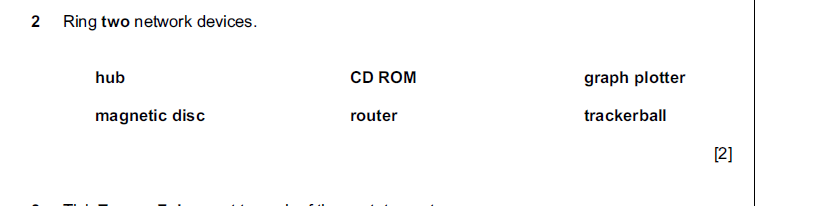
**C Number pad**

**D Touch pad**

**2**

**2**

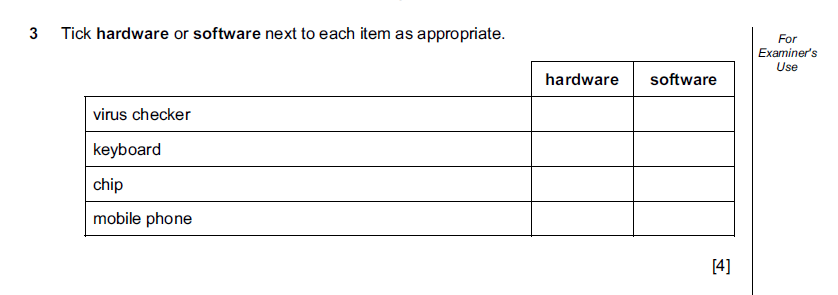
**Ring devices (w13-13)**



**Hardware or software (w13-12)**

**3**

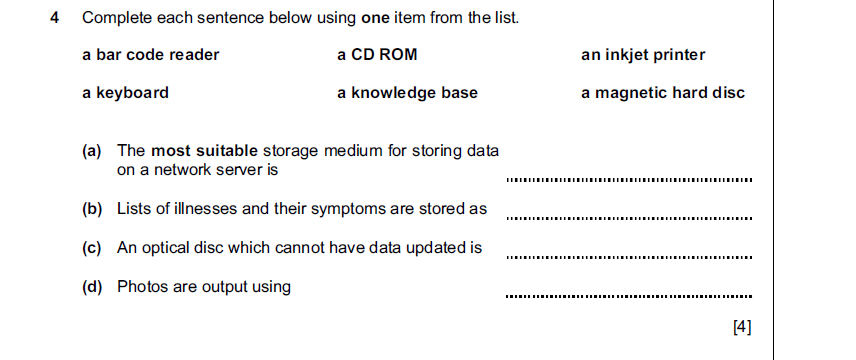
**4**



**4**

**4**

**Complete sentences (w12-13)**



A magnetic hard disc

A knowledge base

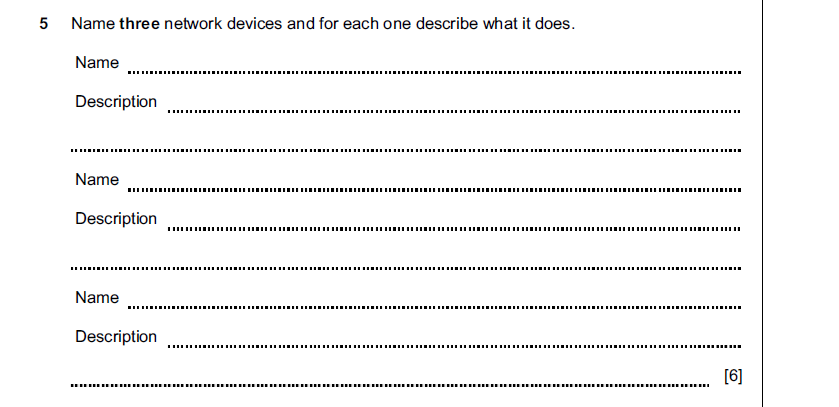
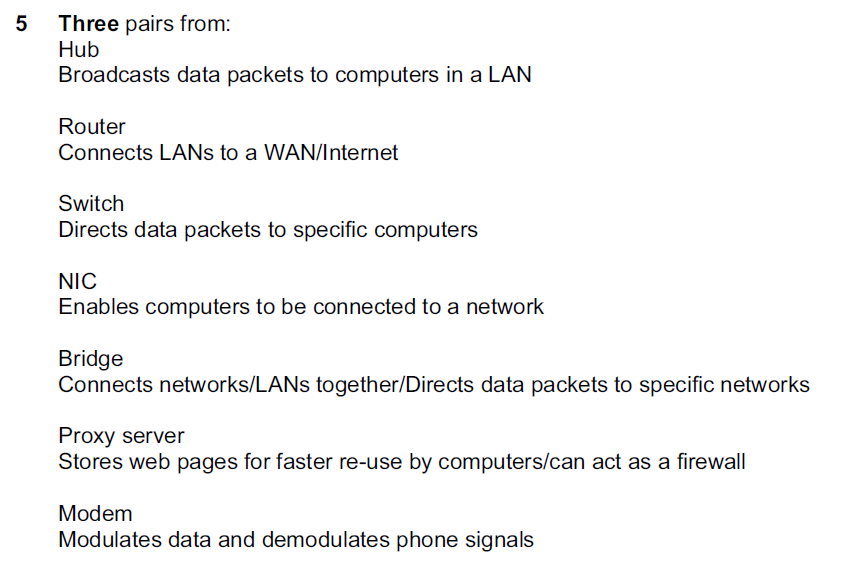
A CD ROM

An ink Jet printer

**Network devices (w12-11)**

**5**

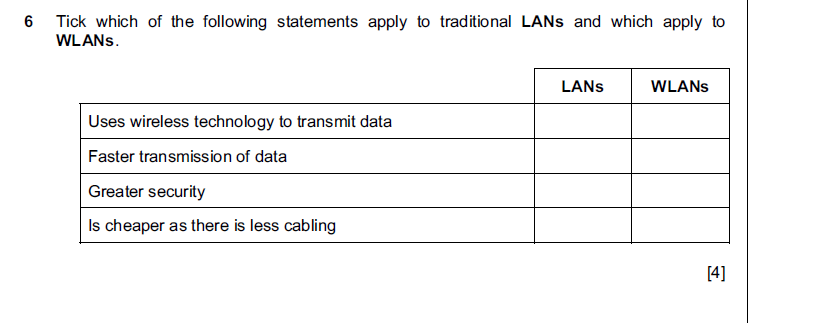
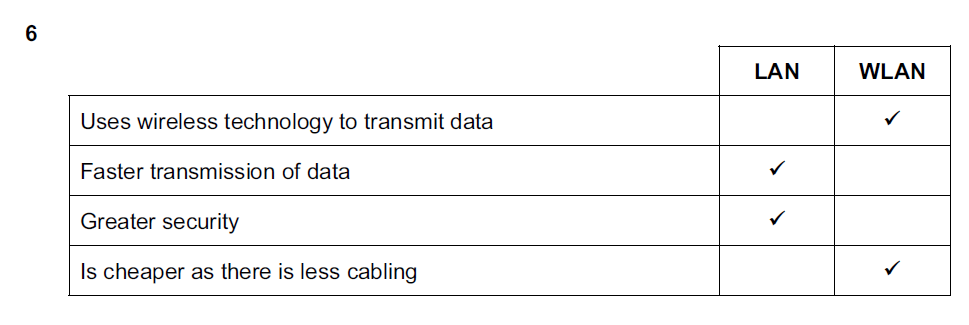
**6**



**4**

**6**

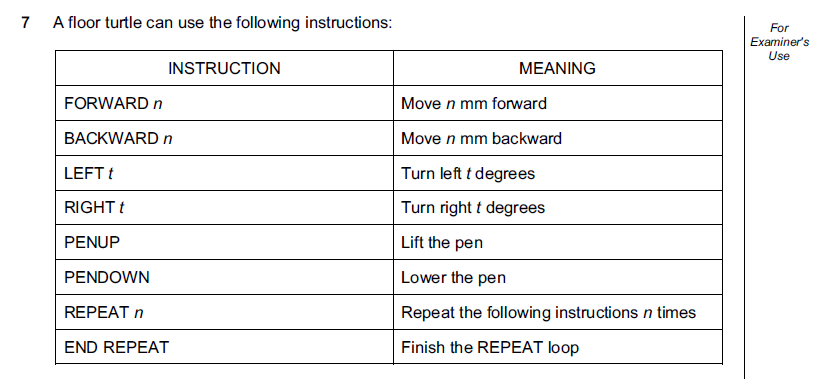
**LAN Vs WLAN (s12-11)**

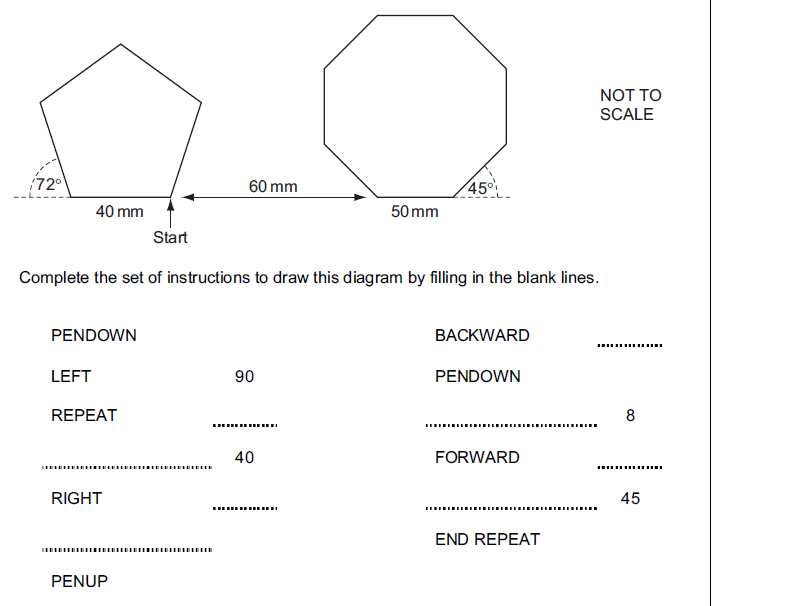
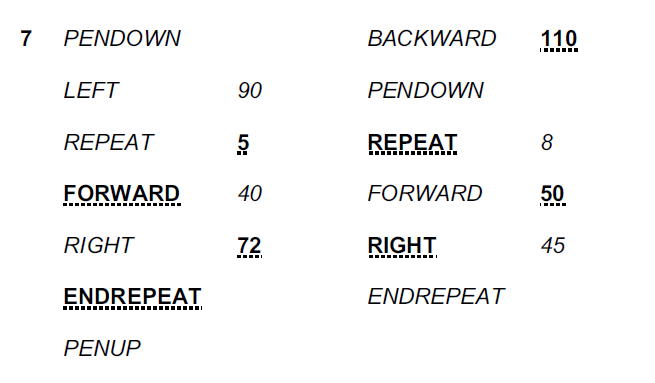


**A floor turtle (s13-11)**

**7**

**8**

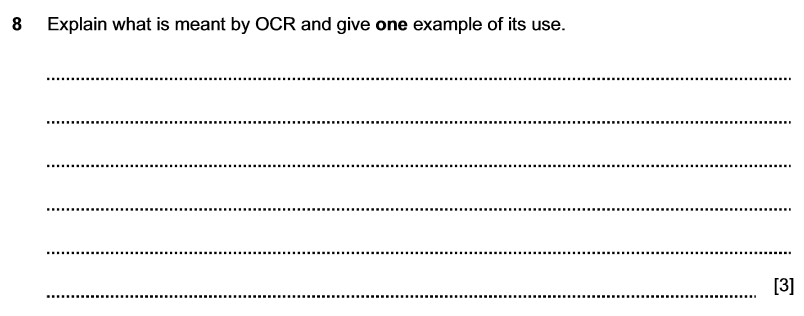
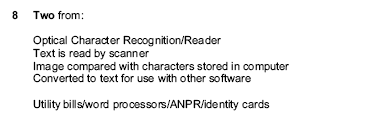




**3**

**8**

**Explain and example OCR (s13-13)**

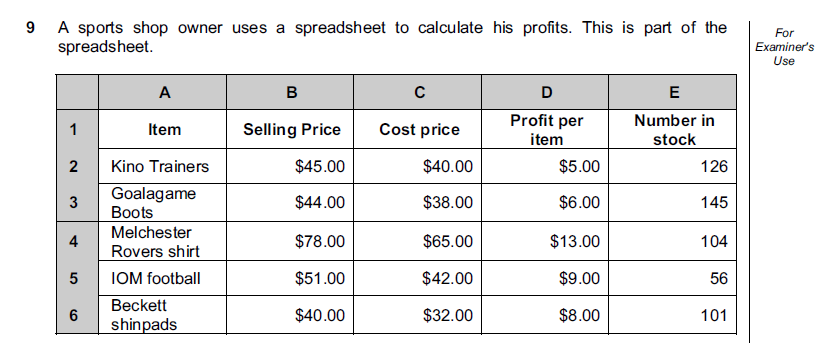


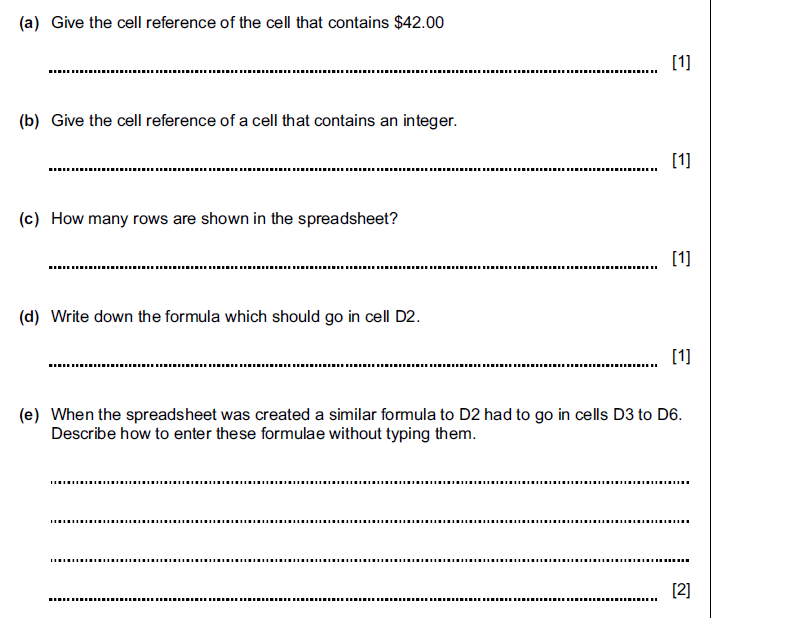
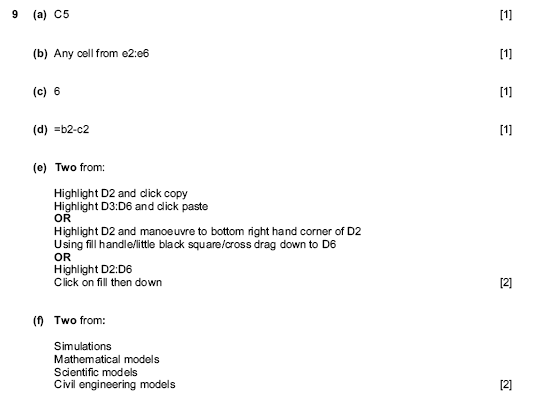
w

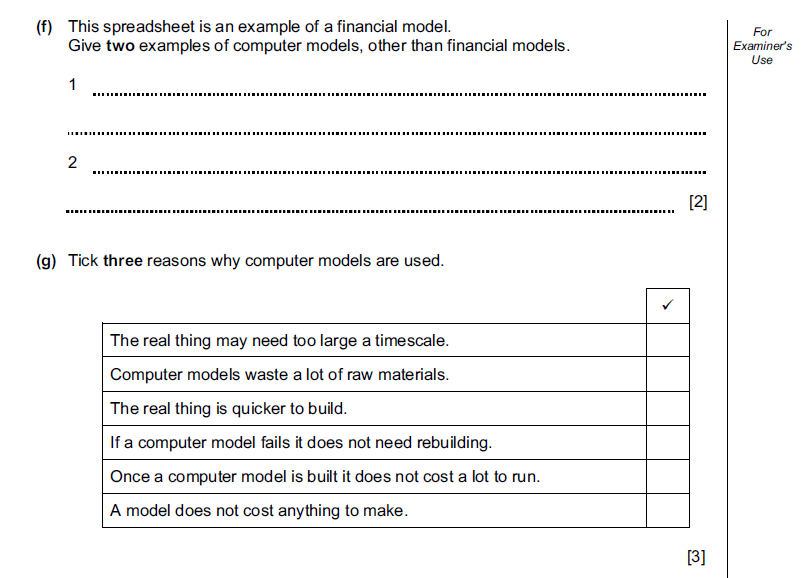
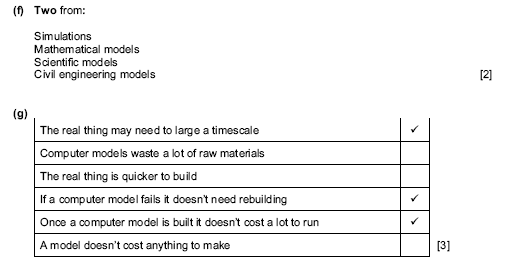
**11**

**9**

**Spreadsheet (w12-13)**



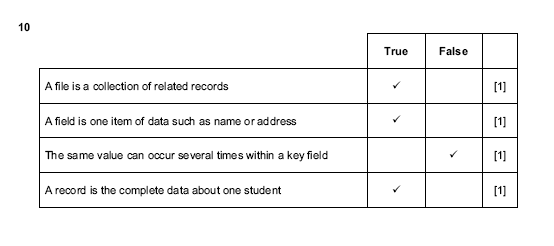


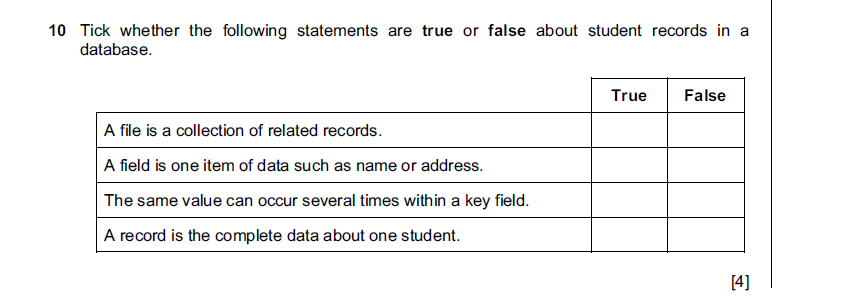


**True or false – Databases (w13-11)**

**10**

**4**





**2**

**11**

**Printing**

What do you call these two printing orientations?

2

1

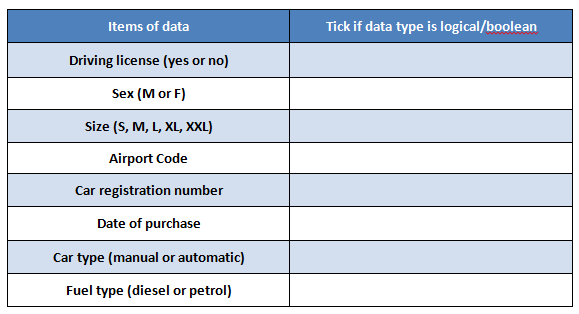
1. **Landscape (1)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Portrait (1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4**

**12**

**Data Types**

Here is a list of examples of data to be put into a structure. Some of this data can have the logical/Boolean data type and some cannot. Complete the following table by placing a tick in the box next to those items of data that could use a logical/Boolean type.



**Data-manipulation/types**

**13**

**5**

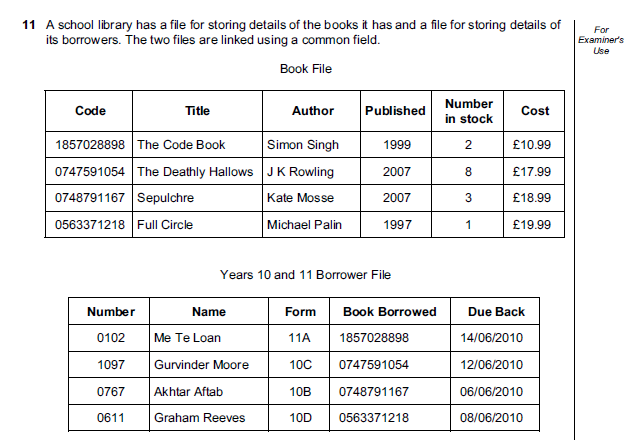
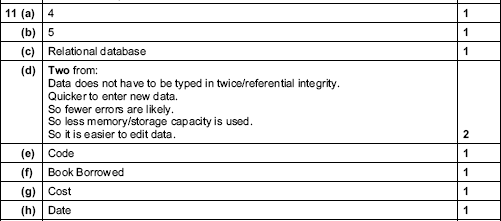
Explain the following data-types, how do you recognize them?

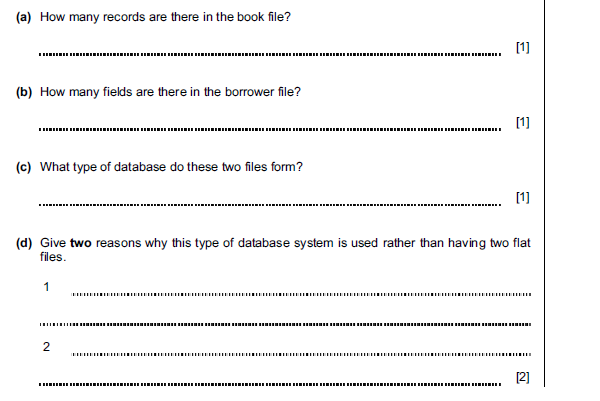
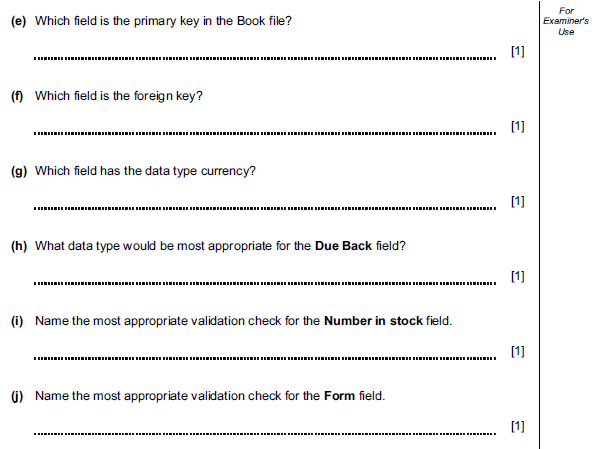
|  |  |
| --- | --- |
| Data | Explanation |
| Boolean/Logical | **Yes/no 2 answers** |
| Numeric | **Real numbers Decimal** |
| Aplhanumeric/Text | **Names and like phonenumbers** |
| Currency | **Like dollars** |
| Date | **11 feb** |

**Databases (s10-11)**

**11**

**14**



**8**

**14**

**Databases (course)**

A request for specific information from a database?

**Query (1)**  
  
The information about an item or person. A row in a table?

**Record (1)**

A database where the data is held in two or more tables?

**Relational (1)**

Method used for storage of data in a database where all the data is held in a single table?

**Flat file (1)**

A space in a database for inputting data?

**Field (1)**

Data that can only exist in two states. For example True/False?

**Boolean/Logical (1)**

This is a field that is unique for a particular record in a database?

**Primary key or key field (1)**

The output from a database in which the results are presented in a way that is controlled by a user?

**Report (1)**

**Notes 1**

**Notes 2**

