



**Subject:  
ICT**

**Yew Wah International Education School  
YANTAI**

**IGCSE 2 Exam 2014/2015**

**November 2014**

**C:\Users\Yew Hah\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\YDSU3V45\MC900072664[1].gif**



Subject: **ICT**

Content: **Courses so far**

Time: **120 minutes**  
Total marks: Theoretical 80

**Instructions**

Write your name on the work you hand in  
Write with a dark pen in space provided  
**No USB Drives, No Books, No Papers, No Jackets, No Cell Phones!**

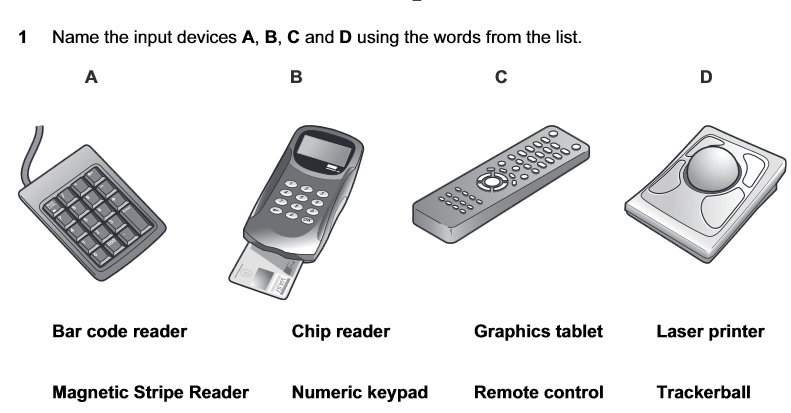
When you’re finished, raise your hand so your EXAM can be collected.

|  |  |
| --- | --- |
| Name: | |
| Score: | Grade: |
| Comment: | |

**Name devices (1)**

**1**

**4**



**A Numeric keypad**

**B Chip reader**

**C Remote control**

**D Trackerball**

**2**

**2**

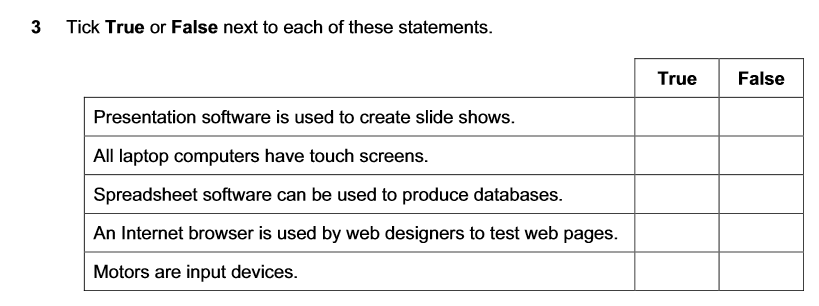
**Ring devices (4)**



**True or false (1)**

**3**

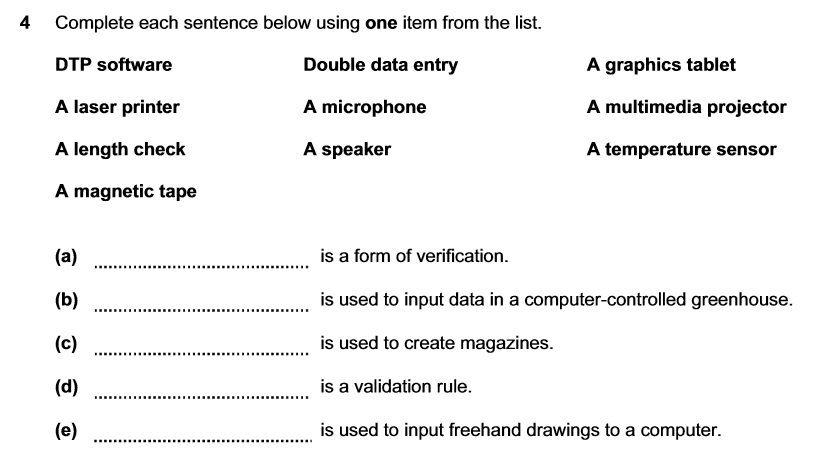
**5**



**5**

**4**

**Complete sentences (1)**



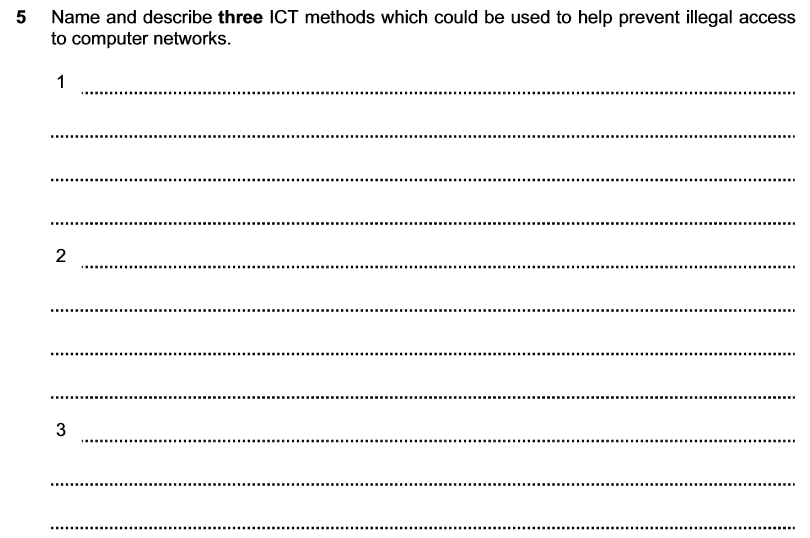
A graphic tablet

A length check

DTP software

A temperature sensor

Double data entry



**Describe methods (5)**

**5**

**6**

**Three matched pairs from:**

**User ID** and one of password/PIN/Memorable data

**Password/PIN/Memorable data** has to be entered before access is gained/Password/PIN can be changed frequently to avoid hackers guessing them/Unsuccessful logins can throw you out of the system

**Magnetic stripe/smart card/electronic key/bar** code system/ID card

Has to be read before access is gained/Prevents people without cards accessing system

**Biometric data**

**Fingerprint/retina/iris/face/voice recognition** used as input/Biometric data is difficult to replicate/is used because it is unique/compared with those stored on the system

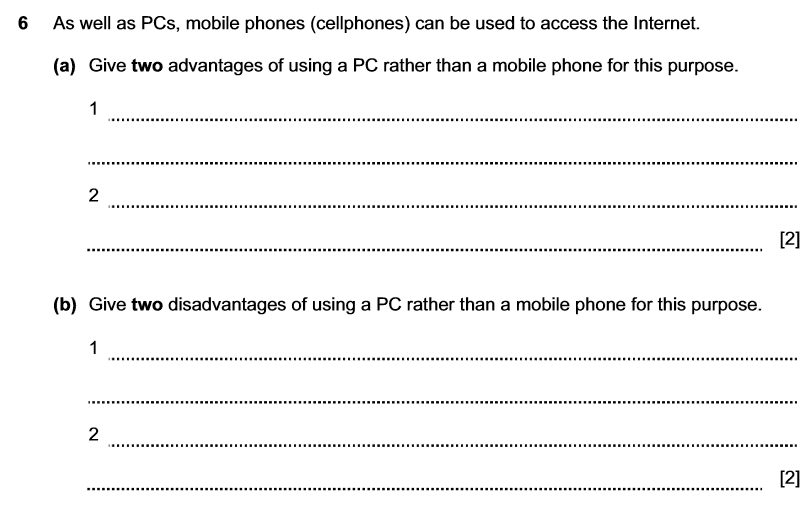
**Firewall**

Only allows **known computers** to access network/prevents unknown computers accessing Network

**Describe methods (4)**

**6**

**4**



1. **Two from:**

Less likely to lose it

May have stronger signal

Display is larger/keyboard is larger

Content is not as limited

Can be faster to access internet

No problem with batteries running out

Has a mouse so is easier to navigate/use [2]

1. **Two from:**

Don’t always have access to PC/there may be a power cut

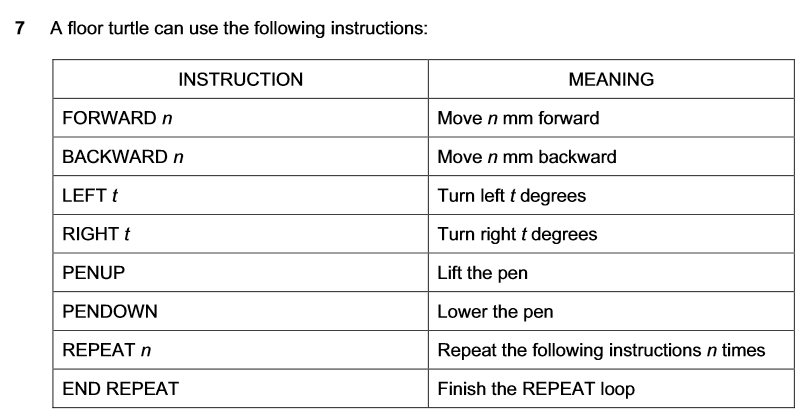
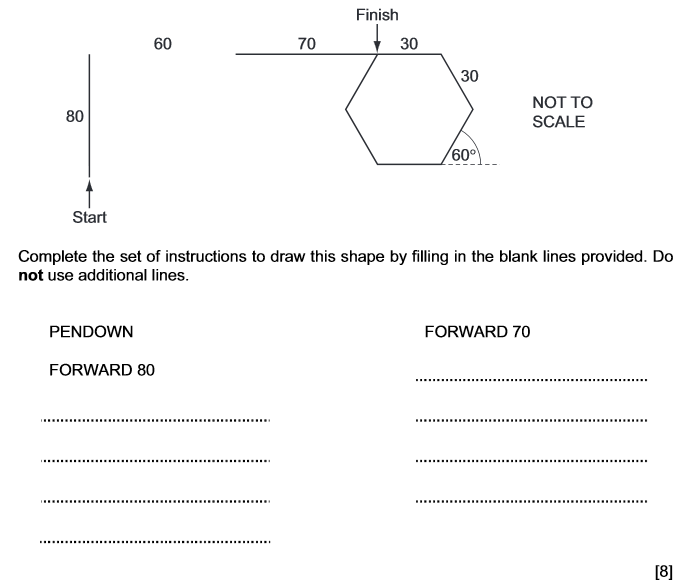
Difficult to carry/not very portable/mobile phone is portable/Cannot access internet except in the house

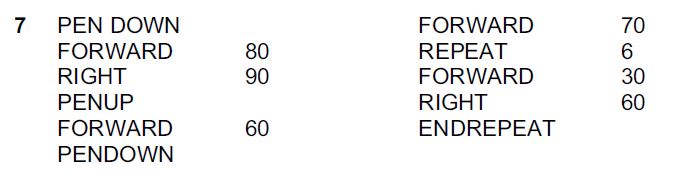
You have to buy extra hardware/router

**A floor turtle (5)**

**7**

**8**

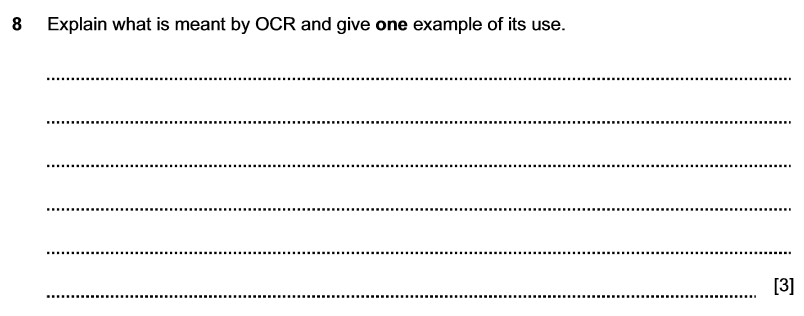




**3**

**8**

**Explain and example (3)**



**Two from:**

Optical Character Recognition/Reader

Text is read by scanner

Image compared with characters stored in computer

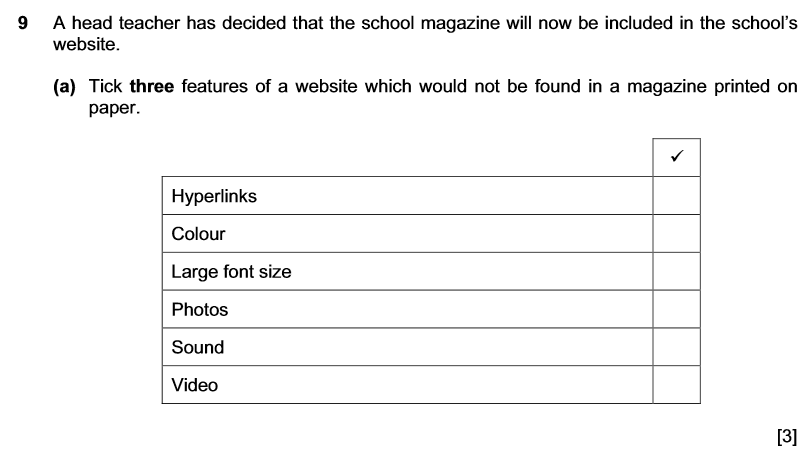
Converted to text for use with other software [2]

Utility bills/word processors/ANPR/identity cards (1)

**3**

**9a**

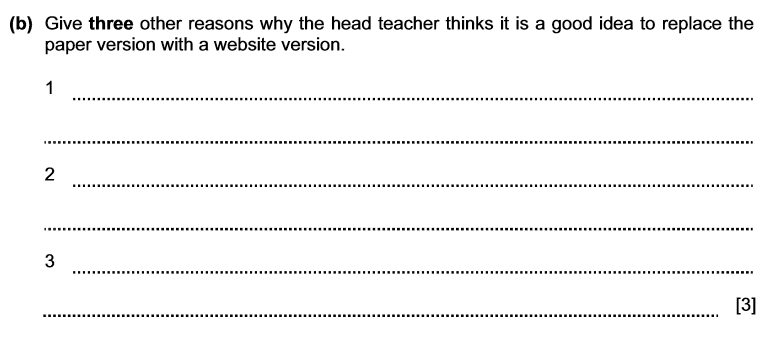
**Tick features of website (3)**



**3**

**9b**

**3 more reasons**



Saves school cost of printing copies

Can include colour at no extra cost

Can include animated text effects

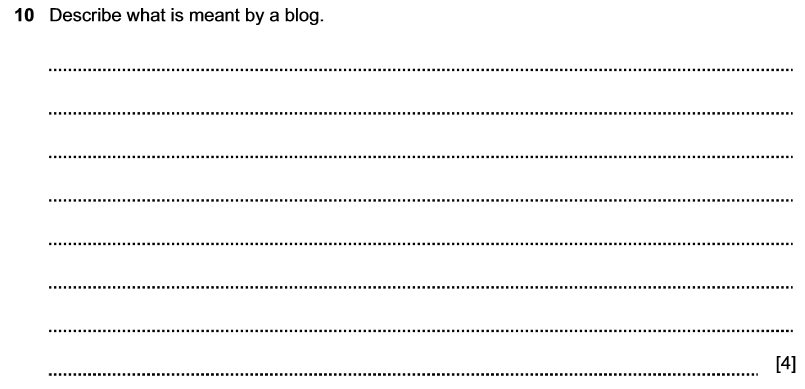
Saves cost of delivery

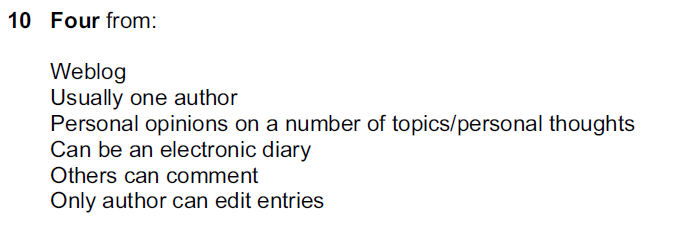
Audience not limited to parents of school children

**Describe blog (3)**

**10**

**4**

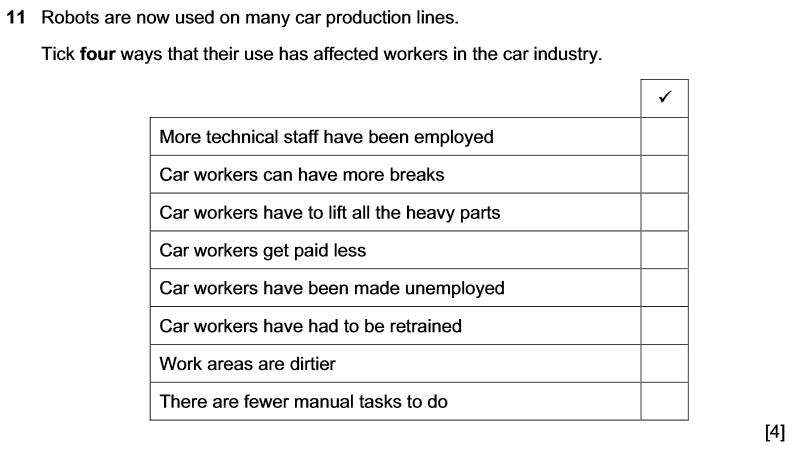




**4**

**11**

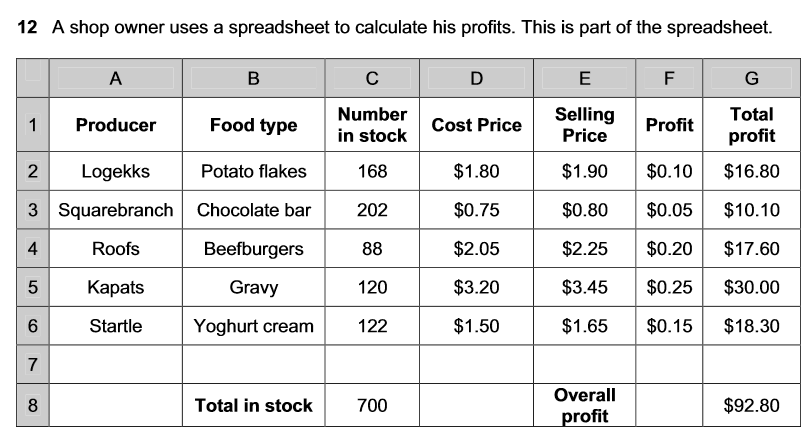
**Robots (1)**

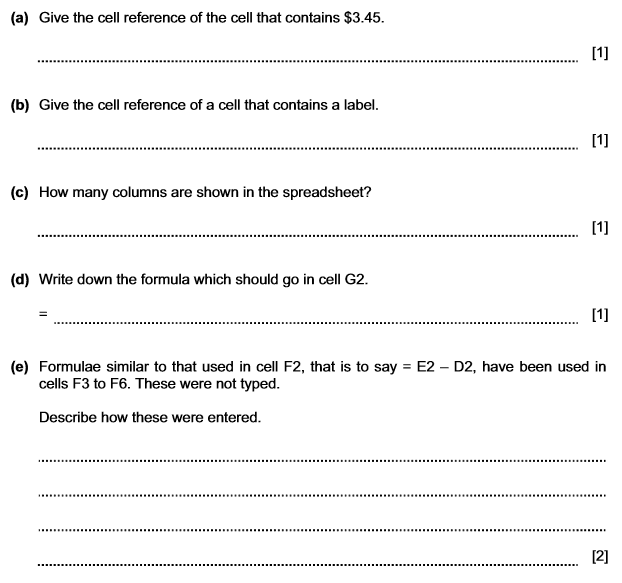


**6**

**12**

**Spreadsheet (4)**





1. E5 [1]

(b) Any of A1:B6, C1:G1, B8, E8 [1]

(c) 7 [1]

(d) = C2\*F2 or = C2\* (E2–D2) [1]

(e) 1 mark per point

Highlight F2 and click copy

Highlight F3:F6 and click paste

OR

Highlight F2 and manoeuvre to bottom right hand corner of F2

Using fill handle/little black square/cross drag down to F6/double click on fill handle/little

black square/cross

OR

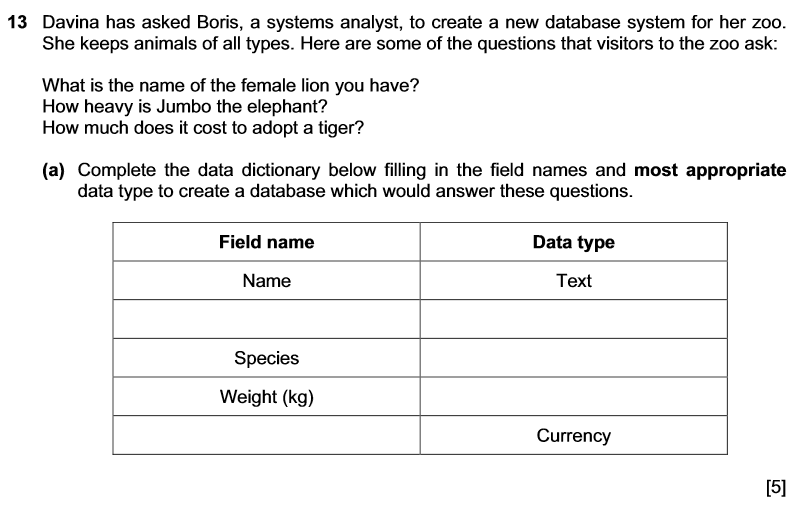
Highlight F2:F6

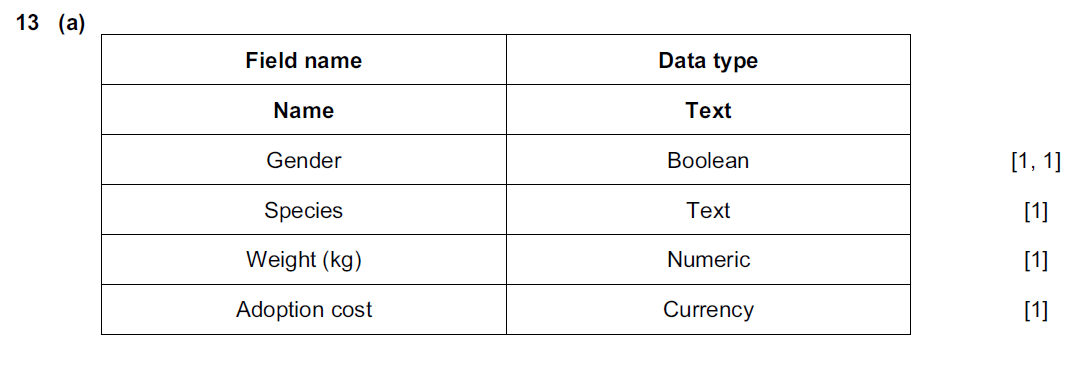
Click on fill then down

**Data-types (3)**

**13**

**5**

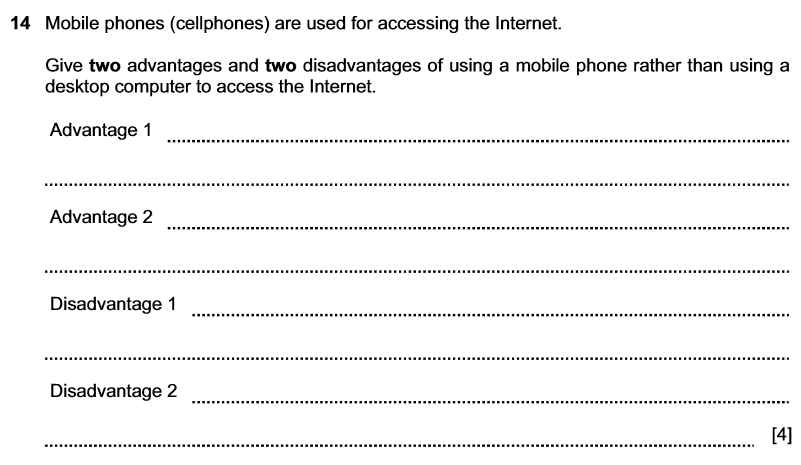


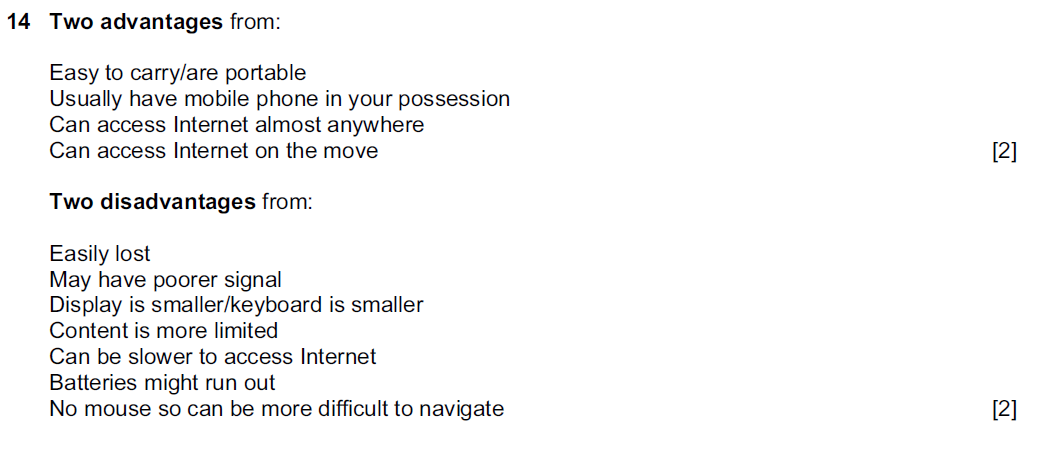


**Why Mobile phones? (3)**

**14**

**4**

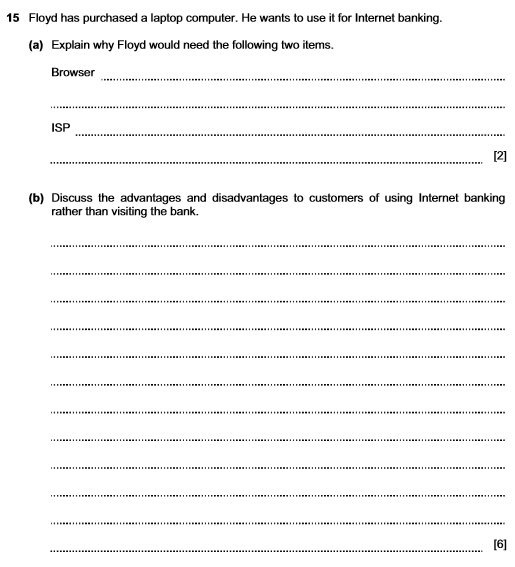


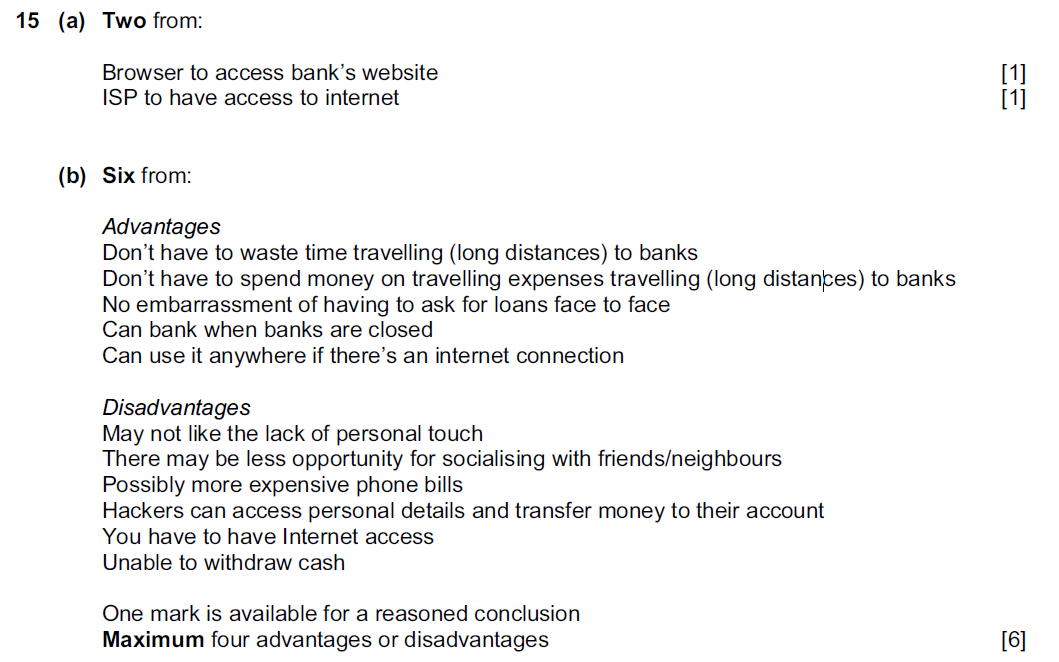


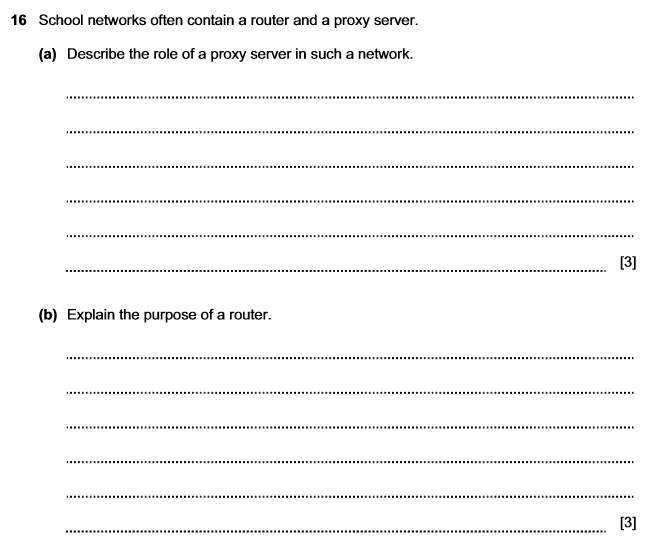
**8**

**15**

**Role and purpose (4)**



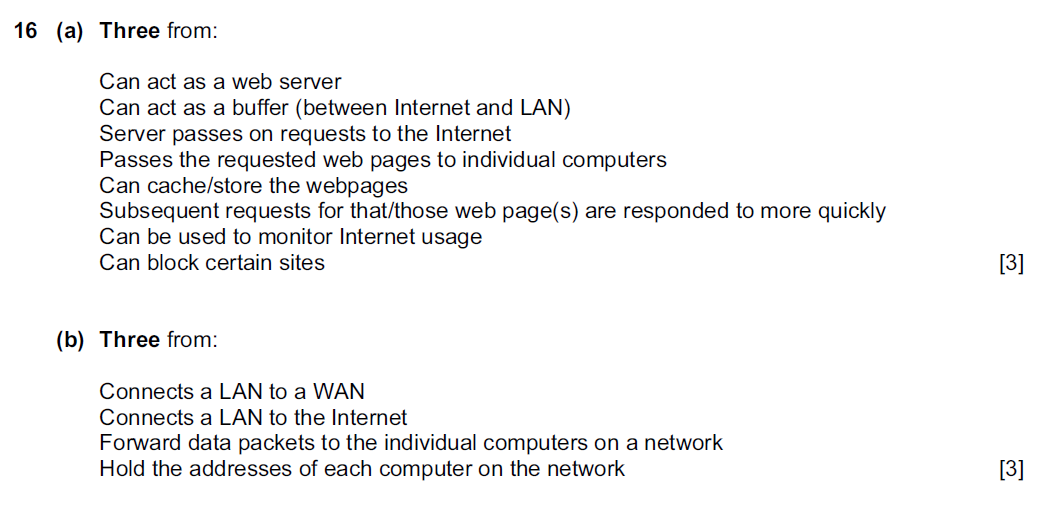




**Role and purpose**

**16**

**6**



**Notes 1**

**Notes 2**

