F

GENERAL CERTIFICATE OF SECONDARY EDUCATION

INFORMATION AND COMMUNICATION TECHNOLOGY

ICT B
(Foundation Tier)

2380/01
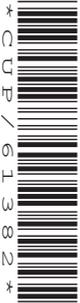
Candidate Forename		Candidate Surname	

| Centre Number						Candidate Number				

INSTRUCTIONS TO CANDIDATES

* Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
* Use black ink. Pencil may be used for graphs and diagrams only.
* Read each question carefully and make sure that you know what you have to do before starting your answer.
* Answer **all** the questions.
* Do **not** write in the bar codes.
* Write your answer to each question in the space provided, however additional paper may be used if necessary.

INFORMATION FOR CANDIDATES

* The number of marks is given in brackets **[ ]** at the end of each question or part question.
* The total number of marks for this paper is **55**.
* No marks will be awarded for using brand names of software packages or hardware.
* This document consists of **12** pages. Any blank pages are indicated.

Turn over

1 (a) Use words from the following list to label each item shown in the diagram:

- Monitor
- Keyboard
- Mouse
- CD ROM Drive.
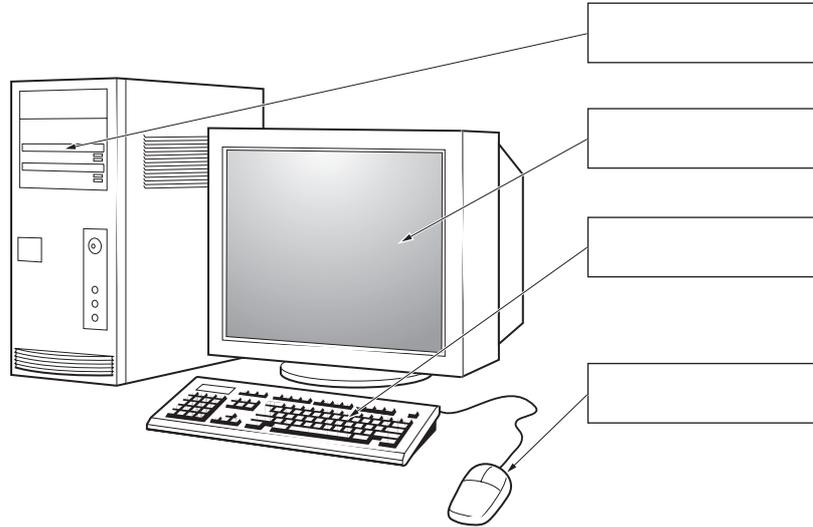
[4]

(b) For each device shown below, tick one box to show whether the device is:

- an input device
- an output device
- a storage device.

Device	Input	Output	Storage
Digital camera			
DVD writer			
Keyboard			
Memory stick			
Monitor			
Plotter			
Printer			
Scanner			
Touch pad			

[9]

2 The picture below shows a good sitting position for a person using a computer. The picture is incomplete as the labels showing the health and safety points are missing.
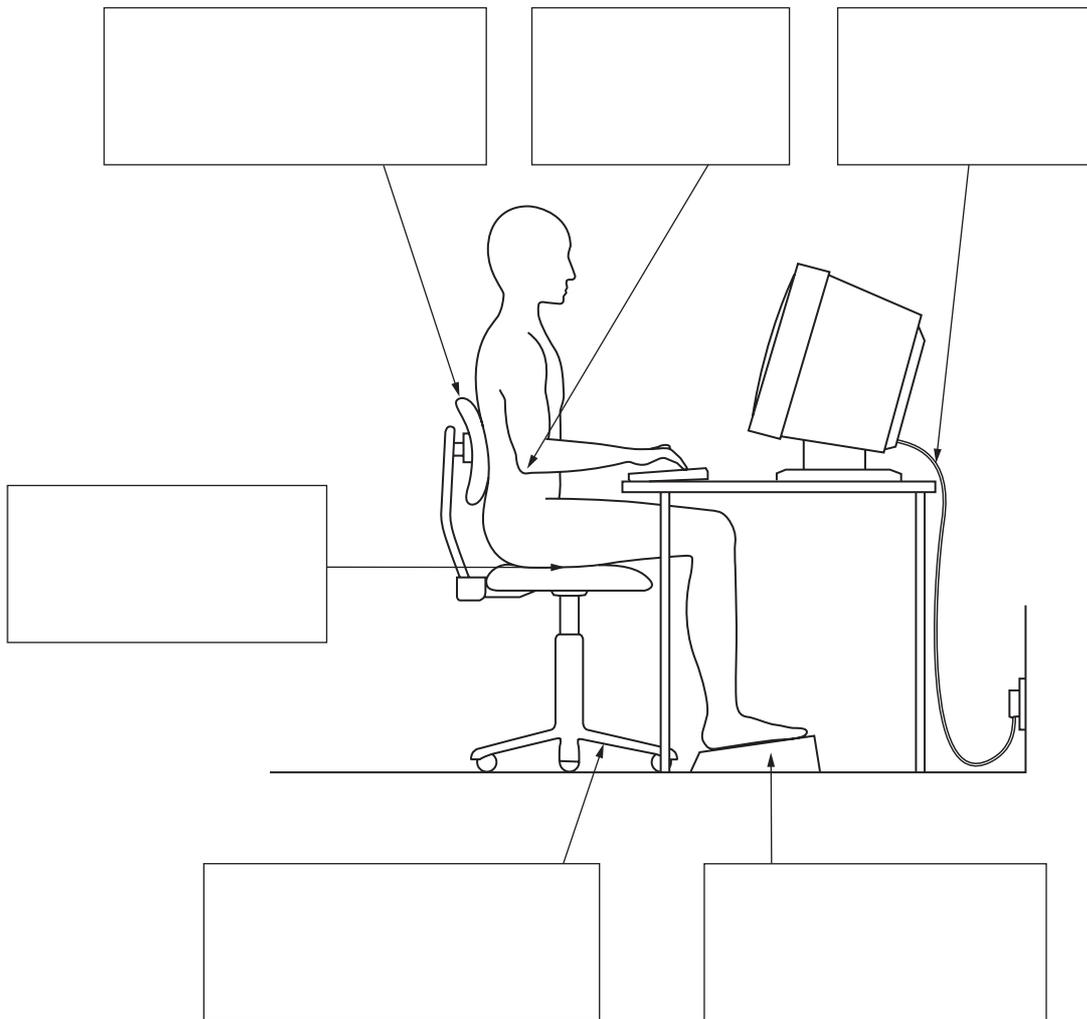
Add text to the **six** missing labels to show the health and safety points.

[6]

Turn over

3 The illustration below shows a web page viewed in a typical web browser.
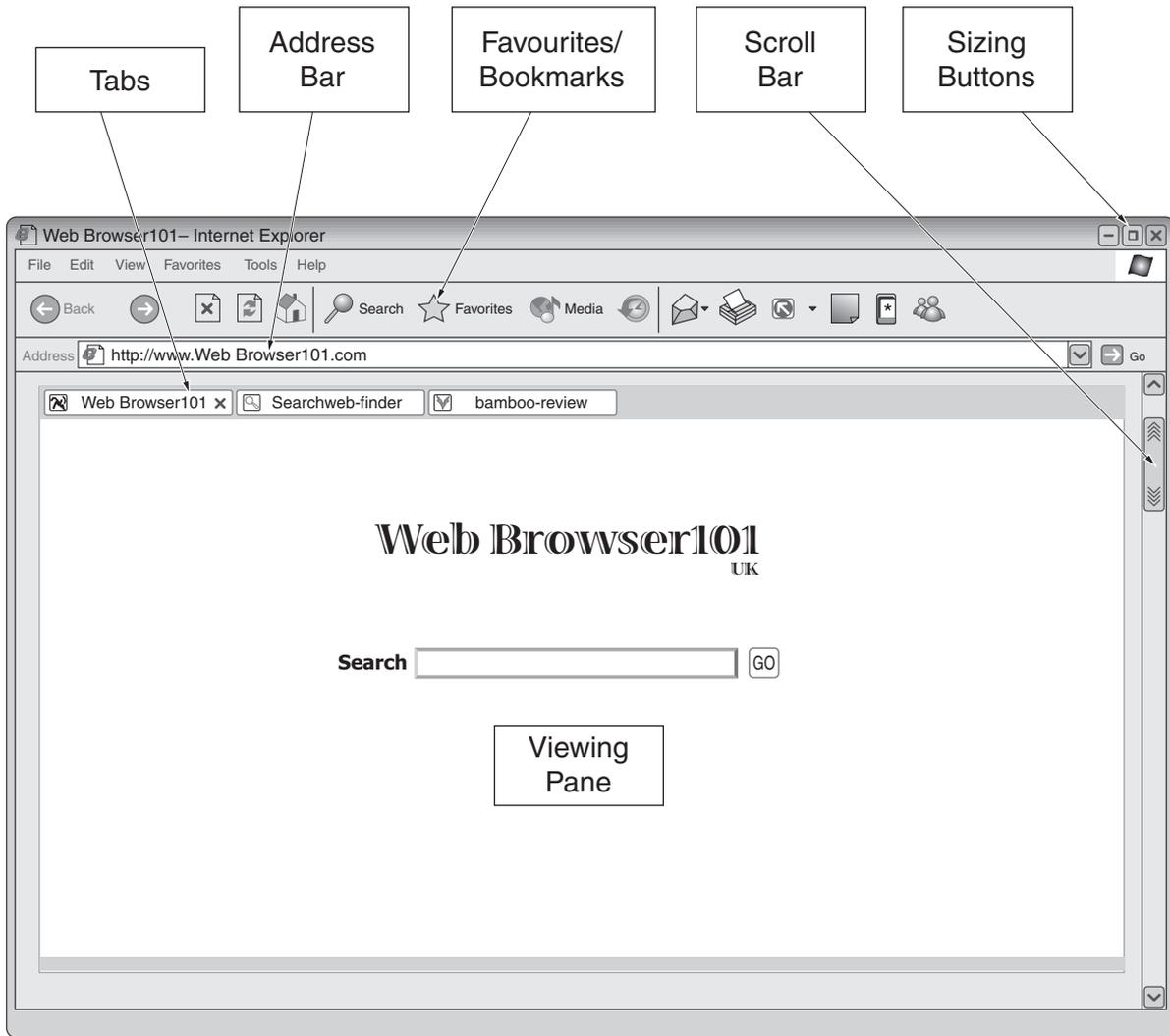
(a) For each of the items shown state their use.

Address Bar

....

.... **[1]**

Sizing Buttons

....

.... **[1]**

Tabs

...

.... **[1]**

Favourites/Bookmarks

....

.... **[1]**

Scroll Bar

....

.... **[1]**

Viewing Pane

....

.... **[1]**

Below is the internet address of one of Travel-m8 pages.

http://www.travel-M8/information/data.pdf

(b) What is the document name?

.... **[1]**

(c) What is the domain name?

.... **[1]**

4 **(a)** Employees at Travel-m8 are often asked to recommend the best computer for their customers. For each of the users shown in the table below, draw lines to indicate the most appropriate system for each user.

User   **System**

Someone on a limited budget who wants a desktop computer to access Travel-m8

A hand-held portable computer

A person who wishes to explore interactive virtual travel sites produced by Travel-m8

A computer with a very fast processor and a powerful graphics card

A person who has special needs due to a physical mobility problem

A computer that is compatible with the systems used at work

A person who works on documents both in an office and at home

A basic PC that can handle applications but may be slow

A person who wants to use the system to access Travel-m8 whilst travelling

An adaptive computer which incorporates a voice synthesizer and one-handed keyboard

[5]

(b) Insert ticks in the table below to indicate which tasks each of the named devices can perform. You will need to put more than one tick in each row.

	Play an audio CD	Play a DVD movie	Create a music CD	Overwrite data on a DVD disk	Store data on a DVD disk
CD-RW drive					
DVD / CD-RW drive					
DVD R/ RW/ CD-RW drive					

[5]

(c) Travel-m8 staff involved in the production of navigation software have access to both a screen and a printer. Explain, using examples, why both of these output devices are needed.

Screen ....

....

Example ....

....

Printer ....

....

Example ....

.... **[4]**

5 The Travel-m8 website was created two years ago by the founder of the company.
You have been asked by the manager of Travel-m8 to advise on a new website.

The current website has a home page and a number of other pages.

(a) What is a website home page?

....

.... **[1]**

(b) Identify **two** other pages that the Travel-m8 website needs to have (do not include the home page).

1 ....

2 ....

[2]

(c) When search engines are used for looking for websites they search on keywords.
Give **two** keywords that would be useful to find the Travel-m8 site using a search engine.

1 ....

2 ....

[2]

(d) The company wants the new website to appeal especially to young adults. Using the box provided design the layout of the home page for the Travel-m8 website. You should add labels to describe the essential elements of your design.

Marks will be given for appropriate layout and content, use of graphics, and clear labelling.

[5]

6 **(a)** Explain what is meant by the term 'computer virus.'

....

....

....

.... **[2]**

(b) Write down **two** ways staff at Travel-m8 could ensure that their virus protection software is effective.

Way 1 ....

.... **[1]**

Way 2 ....

.... **[1]**

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