

7 A student enters the uniform resource locator (URL) for a web page into their tablet computer.

(a) State what is meant by a URL.

.....
..... [1]

(b) Identify **two** different parts of a URL.

1
2 [2]

(c) The student enters the URL into a piece of software that then displays the web page.

Identify the name of this software.

..... [1]

(e) The data for the web page is transmitted using the secure socket layer (SSL) protocol.

Complete the paragraph about the SSL protocol.

Use only terms from the list.

Not all terms need to be used. Some terms may be used more than once.

encrypted

file server

hypertext markup language (HTML)

hypertext transfer protocol (HTTP)

operating system

search engine

unencrypted

URL

web browser

web server

The asks the
to identify itself. The sends back its digital
certificate. The authenticates the digital certificate.
If it is authentic, data transmission begins.

[5]