MODULE F THE INTERNET · F1

The internet vs the world wide web: mark scheme

20 marks · Cambridge 0478 syllabus 5.1.1 (the difference between the internet and the world wide web)

How to use. One mark per creditworthy point up to the maximum shown. **/** separates alternative words; **//** separates alternative answers. Words in (brackets) are not needed for the mark. Credit any other valid answer that shows the same understanding. Syllabus notes for 5.1.1: the internet is the infrastructure; the world wide web is the collection of websites and web pages accessed using the internet.

QUESTION	ANSWER	MARKS	GUIDANCE
1(a) 0478 5.1.1	The collection of websites and web pages that are accessed using the internet	**1**	If more than one box is ticked, 0 marks.
1(b) 0478 5.1.1	Any two from: (It is the) infrastructure (that carries data) A (global) network of (interconnected) networks // many networks connected together Global / worldwide (network) The hardware / cables / routers / links that connect networks / devices (around the world)	**2**	max 2. Do not accept "a collection of websites / web pages" (that is the world wide web).
2 0478 5.1.1	Undersea fibre-optic cables: internet Furniture shop's website pages: world wide web Routers between networks: internet Train times web page: world wide web Wireless and satellite links: internet Text and images on a recipe home page: world wide web	**6**	One mark per correct row. A row with both boxes ticked scores 0.
3 0478 5.1.1	Accessed using the internet: True Two names for the same thing: False A website is part of the infrastructure: False Other countries could not access the pages without the internet: True	**4**	One mark per correct row. A row with both boxes ticked scores 0.
4(a) 0478 5.1.1	(The) internet	**1**	Accept "internet infrastructure". Do not accept "WAN" / "network" alone.

QUESTION	ANSWER	MARKS	GUIDANCE
4(b) 0478 5.1.1	Any four from: The internet is the infrastructure // a global network of (interconnected) networks ... e.g. the cables / routers / links that connect the hotel's network / computers to other networks (around the world) The world wide web is the collection of websites / web pages ... e.g. the hotel's website / booking pages / room pages are part of the world wide web The world wide web is accessed using the internet // web pages are sent / transferred over the internet ... e.g. guests use the internet to reach / view the hotel's booking pages (from their own devices / other countries) The internet is hardware / physical, the world wide web is content / information // the world wide web is one use of the internet	**4**	max 4. max 3 if there is no reference to the hotel or its website. Do not accept "the internet and the world wide web are the same".

5(a)
0478 5.1.1
	Any two from:
	The world wide web / web pages are accessed using the internet
	Web pages are stored on other computers / web servers (on other networks) // web pages are not stored on the laptop
	... so without the internet (connection) the pages cannot be requested / sent to the laptop
	The spreadsheet is stored locally / on the laptop('s storage) // the spreadsheet does not need to be transferred across the internet
		2	max 2. "The laptop has no internet" alone = 0 (repeats the question).

Total: 20 marks