

15. State a suitable use for the following protocols:

HTTP (Hypertext Transfer Protocol)

[1]

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FTP (File Transfer Protocol)

[1]

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SMTP (Simple Mail Transfer Protocol)

[1]

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Tick (✓) to show which **four** of the following items are protocols:

IP

ISP

P2P

TCP

LAN

HTTP

FTP

ROM

Protocols provide an agreed set of rules to allow networked devices to communicate.

- (a) **Tick** (✓) the box to identify the protocol used to **send** email messages to an email server. [1]

SMTP	<input type="checkbox"/>
FTP	<input type="checkbox"/>
POP3	<input type="checkbox"/>
IMAP	<input type="checkbox"/>

(b) Describe the role of the Ethernet protocol.

[2]

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(c) Explain the difference between the HTTP and HTTPS protocols.

[2]

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2. Explain IP address: (2 Marks)

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4. Give two advantages for using IP addresses on the Internet: (2 Marks)

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