

Question **1**

Correct

Mark 1.00 out of
1.00

If SMTP only allows 7-bit ASCII, how do we send pictures/videos/files via email?

Select one:

- ☐ a. We use a different protocol instead of SMTP
- ☒ b. We encode these objects as 7-bit ASCII ✓
- ☐ c. We're really sending links to the objects, rather than the objects themselves
- ☐ d. We don't !! You have been lied to !!

Your answer is correct.

The correct answer is: We encode these objects as 7-bit ASCII

Question **2**

Correct

Mark 1.00 out of 1.00

Which of the following is NOT true?

Select one:

- ☐ a. HTTP is pull-based, SMTP is push-based
- ☐ b. HTTP uses a separate header for each object, SMTP uses a multipart message format
- ☐ c. SMTP uses persistent connections
- ☒ d. HTTP uses client-server communication but SMTP does not ✓

Your answer is correct.

The correct answer is: HTTP uses client-server communication but SMTP does not

Question **3**

Correct

Mark 1.00 out of 1.00

If a name server has no clue about where to find the address for a hostname then

Select one:

- ☐ a. Server asks its adjacent name server
- ☒ b. Server asks its root name server ✓
- ☐ c. Request is not processed
- ☐ d. Server explodes

Your answer is correct.

The correct answer is: Server asks its root name server

Question **4**

Correct

Mark 1.00 out of 1.00

Which of the following is an example of a Top Level Domain?

Select one:

- ☐ a. yoda.jedi.starwars.com
- ☐ b. jedi.starwars.com
- ☐ c. starwars.com
- ☒ d. .com ✓

Your answer is correct.

The correct answer is: .com

Question **5**

Correct

Mark 1.00 out of 1.00

A web browser needs to contact `www.cse.unsw.edu.au`. The minimum number of DNS requests sent is:

Select one:

- ☐ a. 0
- ☒ b. 1 ✓
- ☐ c. 2
- ☐ d. 3

Your answer is correct.

The correct answer is: 1

Question **6**

Correct

Mark 1.00 out of 1.00

The role of the CDN provider's authoritative DNS name server in a content distribution network basically is:

Select one:

- ☐ a. to provide an alias address for each browser access to the "origin server" of a CDN website
- ☒ b. to map the query for each CDN object to the CDN server closest to the requestor (browser) ✓
- ☐ c. to provide a mechanism for CDN "origin servers" to provide paths for clients (browsers)
- ☐ d. none of the above, CDN networks do not use DNS

Your answer is correct.

The correct answer is: to map the query for each CDN object to the CDN server closest to the requestor (browser)

Question **7**

Correct

Mark 1.00 out of 1.00

When web-based email is used, two mail servers communicate with each other using HTTP.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question **8**

Correct

Mark 1.00 out of 1.00

In DNS, if a server is not authoritative for a hostname, it will contain a TYPE NS record as well as a TYPE A record.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **9**

Correct

Mark 1.00 out of 1.00

In DSN, which of the following TYPE allows a mail server to be referred to using simple aliases without the word "mail" in front of the name?

Select one:

- ☒ a. MX ✓
- ☐ b. CNAME
- ☐ c. A
- ☐ d. None of the above, we cannot use simple aliases for mail servers (we must use the word "mail" in front)

Your answer is correct.

The correct answer is: MX

Question **10**

Correct

Mark 1.00 out of 1.00

Netflix is an example of third party CDN provider

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

