Feedback — Week 1 Quiz

You submitted this quiz on **Sun 1 Feb 2015 9:45 PM PST**. You got a score of **9.55** out of **10.00**. However, you will not get credit for it, since it was submitted past the deadline.

Question 1

What are the components of a protocol? (Select all that apply)

Your Answer		Score	Explanation
☐ URLs	✔	0.20	
☑ Request Methods	✖	0.00	
☑ Timing	✔	0.20	
☑ Semantics	✔	0.20	
☑ Syntax	✔	0.20	
Total		0.80 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 2: What are Communication Protocols?

Question 2

What is HTTP? (Select all that apply)

Your Answer		Score	Explanation
☑ A communication protocol commonly used by web browsers	✔	0.25	
☐ A communication protocol that was specifically designed for mobile device communication with the cloud	✔	0.25	

☐ A communication protocol that is based on a peer to peer model	✔	0.25
☑ A communication protocol that is based on a client/server model	✔	0.25
Total		1.00 / 1.00

Question Explanation

See: Section 1 Module 1 Part 3: Intro to HTTP

Question 3

What are some of the reasons that HTTP is commonly used for mobile to cloud communication? (Select all that apply)

Your Answer	Score	Explanation
☐ It is the most space efficient protocol	✔ 0.25	
☐ It is driven by server-initiated requests	✔ 0.25	
☑ There is significant existing investment and infrastructure for HTTP communication	✔ 0.25	
☐ It is the most power efficient protocol	✔ 0.25	
Total	1.00 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 4: Why HTTP?

Question 4

What are HTTP request methods? (Select all that apply)

Your Answer	Score	Explanation
☐ Mechanisms that only allow the client to send meta information to the server	✔ 0.25	
☑ An indication of an action that a client would like the server to apply to a resource	✔ 0.25	
☐ Alternative communication protocols to HTTP that a client can use to communicate with a server	✔ 0.25	
☐ Mechanisms that specify exactly what content type the server can return to the client	✔ 0.25	
Total	1.00 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 6: HTTP Request Methods

Question 5

Which of the following are possible components of an HTTP request? (Select all that apply)

Your Answer	Score	Explanation
☑ Request Line	✔ 0.25	
☐ a Content-type for a body included with the request	✘ 0.00	
☑ Headers	✔ 0.25	
☑ a Request Body	✔ 0.25	
Total	0.75 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 7: HTTP Request Anatomy

Question 6

What is URL encoding? (Select all that apply)

Your Answer	Score	Explanation
☐ An alternative naming scheme for resources that is chosen by the client	✔ 0.25	
☐ An encoding mechanism designed to make it possible to pass large files through URL query parameters	✔ 0.25	
☑ An alternative representation of certain characters that can be placed in a URL	✔ 0.25	
☐ An encoding mechanism that improves the security of data passed in URLs	✔ 0.25	
Total	1.00 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 8: URLs & Query Parameters

Question 7

What is the purpose of the content-type header? (Select all that apply)

Your Answer	Score	Explanation
☐ To tell the client the format of the data specified in one or more response headers	✔ 0.25	
☐ To tell the server the format of the data specified in the URL query parameters	✔ 0.25	
☐ To tell the client when a resource has moved	✔ 0.25	
☑ To tell either the client or server the format of the data included in a request or response body	✔ 0.25	

| Total | | 1.00 / 1.00 |

| **Question Explanation** |
| See: Section 1 Module 1 Part 9: Mime Types & Content Type Headers |

Question 8

What is the purpose of the numeric code included in the status line of an HTTP response?

(Select all that apply)

Your Answer	Score	Explanation
☐ To provide an indication of how big the response is	✔ 0.25	
☑ To provide an indication of what happened when the server processed the request	✔ 0.25	
☐ To provide an indication of how many different content types are included in the response body	✔ 0.25	
☐ To provide an indication of how many headers are included in the response	✔ 0.25	
Total	1.00 / 1.00	

| **Question Explanation** |
| See: Section 1 Module 1 Part 11: HTTP Response Anatomy |

Question 9

Which of the following are possible outcomes of a request that a server could indicate with a 2XX response code? (Select all that apply)

Your Answer	Score	Explanation
☐ The client sent a bad request	✔ 0.25	

☐ The server could not find the requested resource	✔	0.25
☑ The request was successfully processed	✔	0.25
☐ The server encountered an internal error	✔	0.25
Total		1.00 / 1.00

Question Explanation

See: Section 1 Module 1 Part 12: HTTP Response Codes

Question 10

Which of the following are true of cookies? (Select all that apply)

Your Answer		Score	Explanation
☐ They are multi-gigabyte pieces of data that the server indicates should be included by the client in future requests	✔	0.25	
☐ They have a specialized request method that must be used to send them	✔	0.25	
☑ They are small pieces of data that the server indicates should be included by the client in future requests	✔	0.25	
☐ They are small pieces of data that the client indicates should be stored by the server in a database	✔	0.25	
Total		1.00 / 1.00	

Question Explanation

See: Section 1 Module 1 Part 13: Cookies