

TEST BANK



✂ Gurde to Apache

Ed Sawicki

Chapter 2: HTTP

MULTIPLE CHOICE

1. HTTP stands for:
- a. Hyperlink Transfer Protocol
 - b. Hypertext Transfer Protocol
 - c. Hypertext Transport Protocol
 - d. Hyperlink Transport Protocol

ANS: B PTS: 1 REF: 21

2. Hypertext documents contain cross-references called:
- a. HyperActive
 - b. hyperlinks
 - c. URLs
 - d. style sheets

ANS: B PTS: 1 REF: 21

3. Which of the following protocols are based on and an extension of HTTP:
- a. SMTP
 - b. WebDAV
 - c. DNS
 - d. Jabber

ANS: B PTS: 1 REF: 21

4. Which of the following is valid HTTP request method syntax?
- a. HTTP/1.0 / GET
 - b. GET / HTTP/1.1
 - c. GET / www.example.com
 - d. POST HTTP/1.0

ANS: B PTS: 1 REF: 22

5. Which of the following is a valid example of an HTTP status code:
- a. Error: No such address
 - b. 404
 - c. 0xb7
 - d. 64

ANS: B PTS: 1 REF: 25

6. Which of the following header lines is a valid example of how an HTTP server indicates the MIME type of the data it is sending?
- a. MIME-Type: text/html
 - b. Content-Type: text/plain
 - c. Data-Type: text/html
 - d. Type: text/plain

ANS: B PTS: 1 REF: 28

7. Which of the following is NOT a valid HTTP method?
- a. GET
 - b. PUT
 - c. OUTPUT
 - d. OPTIONS

ANS: C PTS: 1 REF: 29-32

8. Which of the following HTTP methods is most of a security concern?
- a. TRACE
 - b. HEAD
 - c. POST
 - d. DELETE

ANS: A PTS: 1 REF: 32

9. An HTTP client can indicate its preference for receiving a document in certain languages by sending which of the following headers?

- a. Language:
- b. Accept-Language:
- c. Deutsch:
- d. Lex:

ANS: B PTS: 1 REF: 36

10. TCP persistent connections are the default behavior in which version of HTTP?
- a. Version 0.9
 - b. Version 1.0
 - c. Version 1.1
 - d. None of the above; persistent connections are risky.

ANS: C PTS: 1 REF: 40

11. HTTP was designed for transferring:
- a. hyperlink documents
 - b. hypertext documents
 - c. linked documents
 - d. plain text documents

ANS: B PTS: 1 REF: 21

12. The World Wide Web has been in operation since approximately:
- a. 1985
 - b. 1990
 - c. 1995
 - d. 2000

ANS: B PTS: 1 REF: 21

13. Which of the following is a characteristic of HTTP?
- a. stateful
 - b. stateless
 - c. real time
 - d. preemptive

ANS: B PTS: 1 REF: 21

14. Which of the following is the first line of a valid server response when a Web page is successfully found and sent to the browser?
- a. 200 OK HTTP
 - b. HTTP/1.1 200 OK
 - c. HTTP/1.1 OK 200
 - d. 200 OK

ANS: B PTS: 1 REF: 23

15. Which of the following is a popular command line tool you can use to view HTTP response headers?
- a. http_cmd
 - b. wget
 - c. curl
 - d. Felicity

ANS: C PTS: 1 REF: 25

16. Which of the following HTTP status codes indicate redirection?
- a. 100
 - b. 200
 - c. 300
 - d. 500

ANS: C PTS: 1 REF: 25

17. The http:// portion of a URL is called the:
- a. webpling
 - b. preface
 - c. scheme
 - d. shriek

ANS: C PTS: 1 REF: 26

18. Which of the following URLs is valid if you want to communicate with port 2033 of the Web server?

- a. http://www.example.com/2033
- b. http://www.example.com:2033
- c. http://www.example.com 2033
- d. http://www.example.com.2033

ANS: B PTS: 1 REF: 27

19. Which of the following is a valid MIME type for a HTML Web page?
- a. text/Web
 - b. text/http
 - c. text/html
 - d. html/text

ANS: C PTS: 1 REF: 28

20. Which of the following HTTP headers asks a server not to send the requested content if it has not changed since a specified date and time?
- a. Modified-Since:
 - b. If-Modified-Since:
 - c. Modified-Date:
 - d. If-Modified:

ANS: B PTS: 1 REF: 30

21. Which of the following methods asks the server to send the HTTP headers but not the content?
- a. HEADERS
 - b. HEAD
 - c. PREFACE
 - d. START

ANS: B PTS: 1 REF: 31

22. Which of the following methods would likely be used if the Web browser sends data that will update a database on the server?
- a. HEAD
 - b. GET
 - c. POST
 - d. OPTIONS

ANS: C PTS: 1 REF: 31

23. Which of the following methods would likely be used if the Web browser sends a file that will be stored on the server?
- a. HEAD
 - b. GET
 - c. POST
 - d. PUT

ANS: D PTS: 1 REF: 31

24. Which of the following methods is used to erase a file from the server?
- a. DELETE
 - b. ERASE
 - c. PURGE
 - d. EXPUNGE

ANS: A PTS: 1 REF: 32

TRUE/FALSE

1. HTTP has features that allow a client to negotiate with a server for document characteristics.

ANS: T PTS: 1 REF: 21

2. HTTP does not allow connections to be made between computers acting as HTTP servers.

ANS: T PTS: 1 REF: 22

3. Most Web browsers do not provide a way to view HTTP headers. This capability is usually an add-on.

ANS: T PTS: 1 REF: 23

4. Parenthesis characters () are allowed in URLs.

ANS: T PTS: 1 REF: 27

5. Apache scans files for HTTP-EQUIV META tags and converts them to the equivalent HTTP headers.

ANS: F PTS: 1 REF: 36

6. The risk of using META tags is that some browsers may ignore them.

ANS: T PTS: 1 REF: 36

7. On a Linux computer, there is a good chance the Netcat program is already installed.

ANS: T PTS: 1 REF: 46

8. A partial GET allows an HTTP client to fetch a Web page from a server only when HTTP/1.1 is used.

ANS: F PTS: 1 REF: 30

9. HTTP version 1.0 has extensive cache control features.

ANS: F PTS: 1 REF: 39

10. HTTP allows a Web server and Web browser to negotiate for a common character set.

ANS: T PTS: 1 REF: 21

11. It would be technically incorrect to refer to Apache as an HTTP server.

ANS: F PTS: 1 REF: 22

12. Web browsers can communicate with one another in ad-hoc mode.

ANS: F PTS: 1 REF: 22

13. An HTTP client may be a non-graphical Web browser that displays the textual content of Web pages only.

ANS: T PTS: 1 REF: 22

14. HTTP versions are expressed in a major.minor.path format. For example: 1.2.15

ANS: F PTS: 1 REF: 25

15. The first version of HTTP to which vendors built products was 1.0.

ANS: F PTS: 1 REF: 25

16. HTTP status codes are formatted as a 3-digit number.

ANS: T PTS: 1 REF: 25

17. HTTP status codes are sent by the client to the server to indicate the readiness to accept Web pages.

ANS: F PTS: 1 REF: 25

18. Using an IP address in a URL instead of a host name is discouraged because the server's virtual hosting may not work properly.

ANS: T PTS: 1 REF: 26

19. MIME was developed for use by email applications.

ANS: T PTS: 1 REF: 28

20. MIME has the same purpose when used for email and Web applications.

ANS: T PTS: 1 REF: 28

21. If you think of a Web server as a file system, traditional programs that interact with the file system have more steps to perform than a HTTP client does.

ANS: T PTS: 1 REF: 29

22. The OPTIONS method is used by the browser to tell the server what methods it will use.

ANS: F PTS: 1 REF: 31

COMPLETION

1. With HTTP, clients send requests; servers send _____.

ANS: responses

PTS: 1 REF: 22

2. One example of a HTTP request method is _____.

ANS:
DELETE
GET
HEAD
OPTIONS
POST
PUT
TRACE

PTS: 1 REF: 29-32

3. In all HTTP packets, a _____ line separates the HTTP header from the data it may carry.

ANS: blank

PTS: 1

REF: 23

4. An example of an HTTP status code that indicates success is _____.

ANS:

200

204

PTS: 1

REF: 25

5. RFC stands for _____.

ANS: Request For Comments

PTS: 1

REF: 27