

Quiz Name _____
CGI, Client-Server, HTTP and Server Scripts

#1. HTTP servers usually listen on port (Select one)

- a) 23
- b) 25
- c) 45
- d) 46
- e) **80**
- f) 110

#2. If an HTTP server receives a GET command, the first thing it returns is (Select one)

- a) **The http version number and a response code**
- b) The requested file
- c) \n\n
- d) The MIME type of the contents it will return
- e) The length of the file, followed by the file

#3. After you issue a GET command to an http server running HTTP 1.0 (Select one)

- a) The connection remains open
- b) **The connection is closed**
- c) You have to send 2 blank lines to indicate you are done
- d) None of these

#4. Differences between HTTP 1.0 and HTTP 1.1 include (Check all that apply)

- a) **The connection remains open for 1.1**
- b) The connection remains open for 1.0
- c) 1.1 implemented POST whereas 1.0 only used GET
- d) 1.1 supports many new MIME types
- e) **1.1 requires a HOST field in the header of the Request**
- f) 1.1 requires a HOST field in the header of the Response
- g) 1.1 has no required fields in the header
- h) **1.0 is stateless** 1.0 breaks response into chunks and sends them in series

#5 CGI (Check all that apply)

- a) **processes the data submitted by users and sends the response back to them.**
- b) **variables may be set on the Client side using Javascript**
- c) **is a standard for communication between clients and servers**
- d) **directs servers to run a program and return results to the user**
- e) directs servers to return the URL file's contents
- f) allows web servers to forward requests to other web servers
- g) **is a protocol for transferring data between a WWW server and a CGI program**

#6. CGI is a good way to create animation:

- a) True
- b) **False**

#7. Write a CGI program to output a web page saying "Hello World"

#8. What is the following?

```
HTTP/1.1 301 Moved Permanently
Date: Fri, 21 Feb 2003 10:46:44 GMT
Server: Apache/1.3.19 (Unix) (SuSE/Linux) PHP/4.1.2
mod_ssl/2.8.3 OpenSSL/0.9.6a
Location: http://www.hi.is/~kal/
Connection: close
Content-Type: text/html; charset=iso-8859-1

<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<HTML><HEAD>
<TITLE>301 Moved Permanently</TITLE>
</HEAD><BODY>
<H1>Moved Permanently</H1>
The document has moved <A
HREF="http://www.hi.is/~kal/">here</A>.<P>
<HR>
<ADDRESS>Apache/1.3.19 Server at www.hi.is Port 80</ADDRESS>
</BODY></HTML>
```