Computer Principles

1. What was the name of the first internet, which was developed in the late 1960s?
    A. World Wide Web (WWW)
    B. ARPANET
    C. Internet Explorer
    D. Netscape Navigator

2. What unique numerical labels are assigned to devices on a network to identify them?
    A. Routers
    B. Clients
    C. IP Addresses
    D. ISPs

3. The only way to access the i6 server is through Cyberduck
    A. True
    B. False

Unix

4. What is the primary purpose of the "cd" command in Unix?
    A. Copy files and directories
    B. Delete files and directories
    C. Change the working directory
    D. List the contents of a directory
    E. View file permissions

5. Which command is commonly used to create a new directory in Unix?
    A. ls
    B. cat
    C. touch
    D. mkdir
    E. cp

HTML

6. What does HTML stand for?
   A. Hyper Transfer Text Language
   B. High Tech Markup Language
   C. Hyperlink and Text Markup Language
   D. Hypertext Markup Language

7. What is the correct way to insert a line break in HTML?
   A.
   B. <lb>
   C. <newline>
   D. <linebreak>

8. Which type of link is recommended for connecting internal pages within the same website?
   A. Absolute link
   B. Relative link
   C. External link
   D. Dynamic link

CSS

9. What is the primary purpose of CSS in web development?
   A. To create dynamic server-side scripts
   B. To define the structure of a web page
   C. To manage the layout and presentation of web content
   D. To process user input in forms

10. In CSS, what does the pseudo-class ":hover" represent?
   A. Active links
   B. Visited links
   C. Links on focus
   D. Elements when a mouse pointer hovers over them

Web Graphics

11. What is the primary difference between raster and vector graphics?

    A. Raster graphics are resolution-independent, while vector graphics have fixed resolutions.
    B. Raster graphics are composed of pixels, while vector graphics are made up of mathematical shapes and paths.
    C. Raster graphics are suitable for scaling without loss of quality, while vector graphics are not.
    D. Raster graphics are more suitable for printing, while vector graphics are better for digital display.

12. Which graphic format is most appropriate for an image of a sunset with varying shades of color?
    A. BMP
    B. GIF
    C. Vector
    D. JPEG