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Tutorial 13: Designing for the World Wide Web

Part 1: Key Term Quiz

1. The tag used for inline images is the _____.
2. The attribute used to start a video playing when the page loads is _____.
3. An image that loads with increasing detail is _____.
4. Special characters on a web page may be shown using a(n) _____.
5. Tags no longer included in the most current version of the HTML standard but still recognized by browsers have been _____.
6. Perhaps the most powerful feature of HTML may be found in the _____ tag.
7. A(n) _____ is used to compress and decompress video files.
8. A new "open" format that was developed to replace GIF without requiring licensing fees is the _____ format.
9. The tag that defines hot spots on an image and the links associated with the hot spots is the _____ tag.
10. A graphic file format that allows for both transparency and animation is _____.

Part 2: Multiple-Choice Quiz

1. The World Wide Web was originally designed to deliver:
    a. high-quality multimedia
    b. text documents with embedded graphics
    c. data in many formats, including file transfers, chat, and e-mail
    d. streaming media formats
    e. top-secret military information
2. The VGA standard of a 640 × 480–pixel monitor showing 256 colors is:
    a. the highest resolution and color depth currently available
    b. the standard used by most browsers
    c. still used by a small number of users
    d. not used by a significant number of users
    e. no longer considered a viable standard
3. Which of these is the *only* way to ensure that text appears exactly the same across platforms?
    a. Create a bitmap image of the text.
    b. Link to the font at a web site.
    c. Include the font as a download on the server.
    d. Specify the font using Cascading Style Sheets.
    e. Embed the font into the HTML code itself
4. One of the most important tags, useful for creating columns of information, is:
    a. <BODY>
    b. <BACKGROUND>
    c. <EMBED>
    d. <HEAD>
    e. <TABLE>
5. Which of these statements about the GIF image specification is *false*?
    a. It can be used to embed animations.
    b. It can only include 256 colors.

c. It is best used for drawings and cartoons that have only a few colors in them.

d. It can be saved in an interlaced mode.

e. It was developed by Microsoft in 1982.

6. The tag that sets text attributes for an entire web page is:
   a. <BODY>
   b. <BACKGROUND>
   c. <EMBED>
   d. <HEAD>
   e. <TABLE>

7. Which of these is *not* an attribute of the <VIDEO> tag?
   a. Controls
   b. Autoplay
   c. Height
   d. Preload
   e. Background Color

8. You link a graphic image to another document or image by including the image tag inside which tag?
   a. <A>
   b. <URL>
   c. <LINK>
   d. <CLICK>
   e. <GOTO>

9. What can the PNG image format *not* do?
   a. Provide interlacing
   b. Be transparent in some places
   c. Show millions of colors
   d. Be displayed by browsers
   e. Include advertising animations

10. Which of these is *not* an image format supported by most browsers?
    a. GIF
    b. JPEG
    c. PNG
    d. DXF
    e. All are supported by most browsers.

11. When you change an image's mode to Indexed Color, which of these is *not* a specification to be selected?
    a. the color depth of the converted image
    b. the compression level to be used
    c. the color palette to be used
    d. whether the colors of your image should be dithered or not
    e. All of the above must be selected.

12. What is the most colors that can fit into a GIF palette?
    a. 16
    b. 40
    c. 216
    d. 254

e. 256

f. 512

13. When a background image is smaller than the viewport, by default the browser will:

a. simply ignore the background

b. display the background in the upper-left corner with the background color filling the rest of the window

c. tile the background image to fill the window

d. stretch the background image to fill the window

e. crash

14. The <AREA> tag within a <MAP> tag defines the shape of a hot spot as a:

a. circle

b. polygon

c. rectangle

d. All of the above

e. None of the above

15. When a browser downloads a file it cannot process itself, it can forward the file to an external application for processing. This external application is sometimes called a:

a. plug-in

b. helper application

c. CGI script

d. JavaScript

e. Java applet

Part 3: Final Project Discussion