

CS1033 – Review Sheet for Final Exam studying

1. The vertical spacing between lines of text is called:
 - a. Kerning
 - b. Tracking
 - c. Leading
 - d. Padding
2. What type of compression guarantees that none of the quality is lost?
 - a. Huffman coding
 - b. Lossless compression
 - c. Lossy compression
 - d. Both b and c
3. How many different combinations can be made from a sequence of 4 bits?
 - a. 4
 - b. 8
 - c. 16
 - d. 32
4. Sampling and quantizing are used to digitize:
 - a. Images
 - b. Audio
 - c. Video frames
 - d. All of the above
 - e. a and b only
5. The first page of any website should be named:
 - a. home.html
 - b. start.html
 - c. index.html
 - d. It doesn't matter what it's named
6. Which colour is represented as #00FF00?
 - a. Red
 - b. Black
 - c. Blue
 - d. Green
7. Which colour is represented as <255, 0, 255>?
 - a. Yellow
 - b. Purple
 - c. Cyan
 - d. Blue
8. Which protocol breaks data into pieces, sends them to different computers until they reach their destination, and then reassembles the pieces?
 - a. FTP
 - b. WinSCP
 - c. TCP/IP
 - d. HTML
 - e. WWW
9. How many bytes are used for "true colour"?
 - a. 1
 - b. 3
 - c. 8
 - d. 24
10. Cinemagraphs can be made by:
 - a. Combining a video with a still frame
 - b. Combining audio with video
 - c. Combining audio with animation
 - d. Combining two different videos
11. How many subdomains are in the url:
http://www.london.menu.restaurant.com
 - a. 1
 - b. 2
 - c. 3
 - d. 4
12. What is the TLD of the url:
http://www.london.menu.restaurant.com
 - a. london
 - b. menu
 - c. restaurant
 - d. com
13. Indicate which IP address is invalid.
 - a. 0.53.200.8
 - b. 112.14.92.133
 - c. 72.209.15.77
 - d. 29.285.40.119
14. Which image format(s) support true colour?
 - a. GIF
 - b. PNG-8
 - c. JPG
 - d. All of the above
15. In CS1033, we made website layouts with:
 - a. Tables
 - b. Anchors
 - c. Links
 - d. Divs
16. Convert binary number 1011 to decimal.
 - a. 10
 - b. 11
 - c. 15
 - d. 22
17. For SEO, it is better to add "Merry Christmas" together rather than "Merry" in one place and "Christmas" in another place. This is known as:
 - a. Keyword stuffing
 - b. Keyword density
 - c. Keyword proximity
 - d. Keyword pairing
18. Video uses which colour model?
 - a. CMYK
 - b. RGB
 - c. YUV
 - d. Hexadecimal
19. What is the sample rate of a CD?
 - a. 22.1 KHz
 - b. 27.9 KHz
 - c. 39.5 KHz
 - d. 44.1 KHz

20. Calculate the filesize of an uncompressed true colour image that is 1000px by 500px.
- 3000 bytes
 - 300,000 bytes
 - 500,000 bytes
 - 1,500,000 bytes
 - 4,500,000 bytes
21. What is the advantage of vector graphics?
- Smaller filesize than raster graphics
 - Resizing does not cause blurriness
 - Support millions more colours than raster graphics support
 - All of the above
 - a and b only
22. How many bits would be required to represent 30 items in binary?
- 3
 - 4
 - 5
 - 6
23. The 'C' in CRAP stands for:
- Consistency
 - Colours
 - Cohesion
 - Clarity
 - Contrast
24. The advantage of downloading is that you can play it quicker than if you streamed it.
- True
 - False
25. Onion skinning is when an animator draws over live action video to create a sketched copy of the video.
- True
 - False
26. Rollover button effects can be made by adding JavaScript code into the HTML.
- True
 - False
27. MP3 files can compress a song up to 1/20 of its original size.
- True
 - False
28. #DDDDDD is darker than #777777.
- True
 - False
29. Newspapers are traditionally printed with the CMYK colour model.
- True
 - False
30. Google will give higher search rankings to sites that do keyword stuffing.
- True
 - False
31. Hexadecimal codes represent many more different colours than RGB codes.
- True
 - False
32. All packets travel the same route in TCP/IP.
- True
 - False
33. Domain names can include letters and numbers but not spaces.
- True
 - False
34. Stereo audio is typically 4 times the filesize as that of mono of the same clip.
- True
 - False
35. Google was developed by Tim Berners-Lee.
- True
 - False
36. Affinity Photo has options to export as vector graphics or as raster graphics.
- True
 - False
37. Softsubs are subtitles embedded in an MP4 file.
- True
 - False
38. One disadvantage of animated GIFs is that they cannot include audio.
- True
 - False
39. Websites that contain a lot of links to other sites will be ranked high in the search results.
- True
 - False
40. PowerPoint allows you to animate text by individual words or letters.
- True
 - False
41. Filesize is not affected by an image's DPI.
- True
 - False
42. Arial and Times New Roman are called websafe fonts because they work on all platforms.
- True
 - False
43. The binary number 11 is equal to decimal number 2.
- True
 - False
44. Dithering is a feature of JPGs and GIFs.
- True
 - False
45. 4:2:2 means no compression was done to the video.
- True
 - False