

CS1033 – Review Sheet for Final Exam studying

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