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