35. When using a table in KompoZer, to adjust the spacing around each cell so that text does not touch the grid cells, one would assign a value to the "cell spacing" or "cell padding".
   a Spacing
   b Padding

36. Match the following words to the definitions

| | |
|---|---|
| a. animation | 1. the illusion of a moving or changing graphic image |
| b. ease | 2 when the illusion of motion fails and the animation appears as a sequence of still images being displayed rapidly |
| c. flicker | 3. beginning the motion slowly and then accelerating its rate |
| d. morphing | 4. changing one object to another |
| e. tweening | 5. a clear sheet on which images are drawn, and placed over a stationary background |
| f. cel | 6. drawing the frames in between the key frame |

37. Match the following term to the best definition

| | |
|---|---|
| a. sample size | 1. A technique, done by a codec that reduces the size of a file. |
| b. compression | 2 the number of bits used to represent a sample of the wave |
| c. frequency | 3. distance between the peak and valley of a wave form and indicates the volume |
| d. amplitude | 4. A continuous stream of sound wave |
| e. analog sound | 5. advanced process that allows the sound to be played on the computer before the entire file is transferred to the users computer |
| f. streaming | 6. number of peaks that occur in one second measured by the distance between the peaks (closer peaks are higher pitch sounds) |
| g. channel | 7. The left and right "tracks" that separate mono sound into stereo sound |

38. Match the following term to the best definition

| | |
|---|---|
| a. bit rate | 1. the ratio of width to height in a frame of video |
| b. codec | 2. the size of a video (in bits, not bytes) divided by the number of seconds it is in length |
| c. aspect ratio | 3. a compression/decompression algorithm used to compress data |
| d. bit depth | 4. video playback that changes its quality based on the available band width |
| e. playback frame rate | 5. The speed at which the individual frames are displayed |
| f. Adaptive Streaming | 6. The ratio of each video component layers per 4x4 grid of pixels (i.e. 4:4:4) |
| g. Colour sampling | 7. The number of bits used to describe the color of a single pixel |

39. The term multimedia is best described as:
   a The use of electronic signals to communicate via a computer
   b The integration of text, graphics, animation, sound, and video in an application for the purpose of communicating
   c The creation of images via a tool such as Photoshop
   d The integration of sound and video via a tool such as Windows Movie Maker
   e c) and d) only

40. A vector-based image has the following characteristics:
   a Image is represented with lines and arcs that have a mathematical relationship
   b Quality is retained as image is increased in size
   c As image is increased, edges of image become jagged
   d All of the above
   e Both a) and b).

41. In animation, a snapshot of what's happening at a particular moment is known as a:
   a movement
   b frame
   c sample
   d model

42. The term FTP stands for:
   a Film Transfer Process
   b File Transfer Protocol
   c File Transfer Process
   d File Tracking Process

43. A(n) _____ is a program that allows a Web browser to access and play files that the browser would not normally recognize.
   a Server
   b Mpeg
   c Plug-in
   d Loop

44. Streaming is the process of taking a large audio or video file and transmitting small, continuous amounts of that file over a network in a steady and continuous manner. The streamed video/audio is never stored on the hard drive but a portion of it is in the memory of the computer where the video is being displayed.
   a True
   b False

45. When using graphics software, a native file format means that the image properties/attributes are retained and can easily be edited.
   a True
   b False

46. A web host is needed as part of getting a website operational. Which of the following should not be a consideration when selecting a web hosting service? The web host's
   a Web site building software
   b Disk storage for storing web pages
   c Available bandwidth
   d Up time
   e Technical support

47. What is the protocol(s) used for data transfer between computers?
   a FTP
   b HTML
   c HTTP
   d TCP/IP

48. The term 4K refers to:
   a Ultra high resolution in TVs
   b 1080 scan lines for video
   c Retina display
   d Plasma TV
   e All of the above

49. Animations can be saved as: (check all that apply)
   a GIF
   b JPG
   c MP3
   d MP4
   e PNG

50. What is the html code required to insert video into your website:
   a <src>
   b <controls?
   c <video>
   d <codec>

51. Hexadecimal representation of colours (i.e. #A74301) offers many more colour possibilities than RGB representation (i.e. (15,200,55))
   a True
   b False – RGB offers more than hexadecimal
   c False – They offer the exact same amount

52. Assuming you have an image that is 800 pixels by 600 pixels and has a dpi of 200, how big will it be if you print it? 4 inch by 3 inch

53. Assuming you have 3 image, all are 800pixels by 600 pixels, image A has a dpi of 200, image B has a dpi of 100, image C has a dpi of 10, which image will print out the largest? Image C

54. Which image in the question above will have the largest filesize in bytes (assuming there is no compression) same

55. If the image mentioned above is 24 bit colour, how big will the file size (in kilobytes) be of image A? (just show the calculation)
800 x 600 x 3 ÷ 1024

56. What type of sound format doesn't represent voice very well? MIDI

57. MP3 does lossless compression on sound: TRUE or FALSE

58. Youtube is moving away from displaying its videos as .flv files and towards what file format? mp4

59. If a piece of paper is 5 inches by 5 inches and has a ½ border ALL around it, and you are going to print text at 18 point on it, with 0 leading, how many lines will you be able to fit on the paper? 16

60. Who founded google? Page Brin

61. What year was the World Wide Web founded and by whom? 1990 Berners Lee

62. A web crawler creates an index of keywords (true or false)

63. What should the first page of a site be called? index.html

64. What are some things you can do to make animation more realistic (we gave you 5 things) stretch & squash, ease in & out, with

65. It is possible to create an animation that loops in Photoshop (T or F)

66. Copying analog video from one tape to another loses quality (T or F)

67. JPG images can store 256 possible colours (T or F)

68. It is impossible to store a number bigger than 1024 as a binary number (T or F)