Question 11 (1 mark)

How could a .wav file be optimised for use on the web?   1

The file could be compressed, altered or resampled.

Question 12 (2 marks)

Compare downloading and streaming video.   2

Downloading a video takes time depending on your bandwidth, and stores it on your hard drive, permanently unless it's removed. Streaming a video temporarily stores it so it can be viewed, but you cannot save the video. To view streaming video ~~frequires internet~~ depends on bandwith also, ~~it takes less~~ ~~less the time~~ it takes less time to buffer the video.

Question 13 (2 marks)

What are the advantages of using cascading style sheets when developing websites? 2

Cascading style sheets help the developer set out the website. It helps to design the website in a clear display, so viewing it will not be confusing, and aims all content down, so it fits on any monitor.

Question 14 (3 marks)

Identify TWO types of video compression and describe an advantage of each. 3

Two types of video compression are lossy, and lossless.

When a video is compressed using lossy compression, it loses some of its quality. They are often used for websites, or small presentations as they dont need the greatest quality.

Lossless compression loses no quality, and they are used when presenting for demonstrations, streaming content or certain websites.

Question 15 (3 marks)

Discuss the suitability of using vector and bitmapped images in a multimedia presentation.

3

Vector graphics are a combination of images or objects. They are best used and ideal when editing and zooming in and out as it will not pixelate, it keeps perfect clarity. Good for a wide range of content.
Bitmapped images are composed of pixels, they are used in presentations if the content doesn't need to be altered in any way.

Question 16 (4 marks)

Describe the procedures that need to be followed by a web designer when constructing
a website.   **4**

Copyright laws must be followed,
the designer cannot use other
peoples work without permission.

Piracy, they cannot give any
content under copyright out
freely or without consent.

Racism, no content is allowed
to emotionally, or mentally
cause harm.

Sexism, no gender based remarks
or content can suggest inappropriate
actions or thoughts.