## Question 11 (1 mark)

How could a .wav file be optimised for use on the web? way tile can be ophnised for compressing redundant coding from the file Question 12 (2 marks) faster streaming Compare downloading and streaming video.

Downloading videos means that the video 'permanently' on a computer been downloaded (i.e. through bitto Streaming videos is different in a video butter and the screen once data has from the source. The data viewed is not perman the computer, in contrast videos streamed videos tend to (audio/visual) as + begsmaller size to enable streaming. Downloaded videos are quality as the entire file is se

compo the contrast between noutube and dounloaded iTunestille

## Question 13 (2 marks)

What are the advantages of using cascading style sheets when developing cascading styles sheets have advant developing websites. The cascading style plan to be insualised and danged now large or complex, in one practical way website turthermore it allows interactivity with the file-the website planner is Question 14 (3 marks) able to adjust and change things as Identify TWO types of video compression and describe an advantage of each. 1. Video compression in zip files that save all be compressed without compromising the quality of sa the video once zip file. The advantage et type of video compression bittorents, software programs such as fize surpression by reducing the the quality of lowering the pixel and sample rate within the video. The While this compromises the quality of the video, it enables it to be streamed faster online. Thus is more interactive and

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## Question 15 (3 marks)

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

Images and graphics enhance multimedia presentations as they bring another visual element to the presentation Depending on the type of presentation, either vector or bitmapped images are more suitable For example, a website w vector images used on the welppage are suitable as vector images are a mathematical formula of lines and colours, thus differing screen resolutions will not affect a user's experience on the web page. Although bitmapped images can become quite small tiles of thus are able to be uploaded (downloaded on the web easily it is while a vector, so its quality can be affected if it is compressed. Only vectors can be both decompressed and compressed as it is lossless. Bitmapped images are lossy thus the compression of pixels can affect the quality of the image when it is decompressed

that we can see that vectors are useful that in multimedia for things such as logos-which must be able to change size depending on where the tabel logo is placed.

Also, bitmapped images would be suitable for presentations such as powerpoint as it allows the file to open quicker. Vectors (i.e. png. cad) tectors can be saved in different shapes wheras bitmapped (i.e. jpg. bmp)?— always save in rectangular shape.

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## Question 16 (4 marks)

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

There are a series of procedures that must be followed by a web designer when constructing a website There are developmental, design, technical and ethical procedures that must take place when constructing a the web designer must develop their ideas based on purpose, functionality and the of the website Those are key considerations that are part of the developmental and design process. Dunny this time the web designer discusses and exchanges either the employed they are customer they are building for Technical statt are on important part of maintain the hardware software capabilities make sure it is running Ethical procedures one a very significant aspect as copyright, plagiansm and cesasorship laws must not be broken to enable the publishing of the