

## Question 28 - multimedia systems

(a) i) interactivity should give full control of everything on the screen, being able to click on things like a command is interactivity.

ii) linear story boards gives a straight path to follow and is not as interactive as a non-linear story board, which gives you access to everything at once

b i) encoding of video formats to a web page will link the two together for better practical use of the video on the web page

ii) path based and cell based information could be used in games, cartoons or even movies  
path based is an animation which has been programmed to do a specific thing and it always carries out that action.

cell based would be best for cartoons as they can be taken in stills and be re-animated accordingly



(C)

i) Data compression would be essential as so many actions produce by the person the interactions and processing of the actions to create a result seen on screen would have to compile and search data continuously to instantly send data that corresponds with the users motion.

ii) Data would be continuously collected from the users actions, these would be processed immediately to find a match of movement with movement in the database and is processed and is the end result that is displayed. The processing would work very quick, to display information.

iii) A more advanced controller and interface system would be able to cancel the board out completely giving you access to maneuver in real time environment more accurately giving you even more freedom with surrounding space to use. Eventually controllers and the board won't even be necessary to use.

Additional writing space on back page.