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#### **INFORMATION TECHNOLOGY FOR CLASS 10**

#### (Study material Based on N.C.E.R.T HANDBOOK)

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#### Uses of Video Conferencing

- 1. Direct conversation is possible between the individuals.
- 2. This is a useful technique where visual information is vital for the meeting. For example a demonstration of some machinery in an industrial setup will require video footage, only audio will be inadequate.
- 3. Video conferencing can be extremely beneficial to the parties of the conference if they can't physically come together to the same location.
- 4. This technique saves the expense or time of travel for all the people involved.
- 5. Physically challenged people can benefit tremendously from this as they will not have to move around.
- 6. People who are deaf or hard of hearing can be benefitted by the use of sign language as they cannot hear a normal telephonic conversation.
- 7. The field of distance education has been revolutionized through this technique.
- 8. Medicine and health has directly benefitted through telemedicine, telenursing, diagnosis through image transmission etc.

### Limitations of Video Conferencing

All said about the advantages but it has a few limitations too.

This is a quite an expensive technique. So it is difficult for individuals to adopt this option.

The whole process relies on the complex hardware. Any hardware failure will lead to the failure of the video conference. The quality of video and audio might not be consistent all the time as it is dependent on the bandwidth available for video stream.

### Video Conferencing Using Microsoft NetMeeting

Video conferencing can be done using Microsoft NetMeeting multi-point video conferencing client included in many versions of Microsoft Windows (from Windows 95 to Windows XP NetMeeting is no longer included with Windows Vista, and has been replaced by Windows Meeting Space and Microsoft Office Live Meeting. Windows Meeting Space only has a few collaboration features for computers on the same network. It is important to note that Windows Messenger, MSN Messenger and Windows Live Messenger connects directly into NetMeeting for the application sharing, desktop sharing,