

Chapter 7th

Introduction to Multimedia

Que: 1 Fill in the blanks by choosing the right option:

1. Multimedia is a combination of two words _____ and _____.
 a. Images, Sound b. Audio, Video **c. Multi, Media** d. Hardware, Software
2. Animation is of two types, these are _____ and _____.
 a. Analog, digital b. Static, Hyper c. Raster, Bitmap **d. Path, Frame**
3. Requirements for Multimedia are _____ and _____.
 a. Images, Sound b. Analog, Digital **c. Hardware, Software** d. Multimedia
4. Input Devices consists of _____ and _____.
 a. Monitor, Printer b. RAM, Hard Disk **c. Keyboard, Mouse** d. Hardware, Software
5. In Multimedia, Text is of _____ and _____ type.
 a. Analog, digital b. Raster, Bitmap **c. Static, Hyper** d. Path, Frame

Que:2 Very short Answer type a Question:

Q:1 In how many types a video can be classified?

Ans: Two types – Analog and Digital videos

Q:2 There are how many types of text?

Ans: Two types – Static and Hyper text

Q:3 Write the name of any one type of animation.

Ans: Path Animation

Q:4 Write any one application of Multimedia.

Ans: Education and Entertainment field

Que:3 Short Answer type Questions:

Q1: What is an Animation?

Ans: Animation is an important component of multimedia. It shows motion effects on static images or text. There are two main types of animation - path animation and frame animation. PowerPoint and Flash are examples of commonly used animation software.

Q:2 What is Video?

Ans: Video is an important component of multimedia. In multimedia, video is used to represent information in a much better way. The video can be played with motion pictures as well as sound. There are usually two types of videos: analogue and digital videos.

Q:3 What is Multimedia Conferencing?

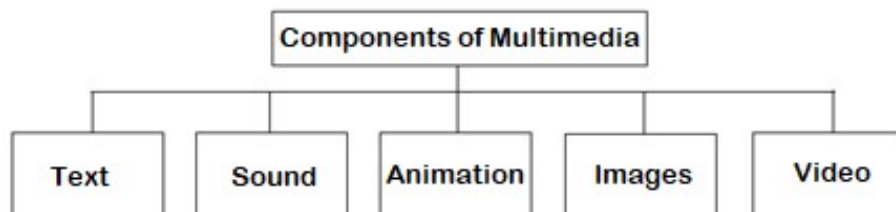
Ans: Multimedia conferencing is also called video conferencing. This is an important application area of multimedia. Using it, we can have face-to-face conversations with people living at distant places.

Que:4 Long Answer Type Questions:

Q:1 What is Multimedia? Explain the Components of Multimedia.

Ans: The word multimedia is a combination of the two words - Multi and Media. Multi means two or more and media means medium. Thus, multimedia is a technology in which information is distributed using a variety of mediums. The following are major components of multimedia:

- **Text:** Written information is called text.
- **Sound:** Sound helps us to explain an idea clearly.
- **Animation:** It is the motion effect on static images or text.
- **Images:** Images are an essential part of multimedia.
- **Video:** Video contains motion pictures as well as sound.



Q:2 What are the requirements for Multimedia?

Ans: The basic requirements for multimedia are hardware and software. These are as follows:

Hardware Requirements:

1. Input device
2. Output device
3. Storage devices

Software Requirements:

These are used to modify and manage the elements of multimedia. For example: Adobe Director, Media Blender, Multimedia Builder, etc.

Q:3 What is a Multimedia Presentation? What should we keep in mind before preparing Multimedia Presentation?

Ans: A topic can be presented effectively using multimedia presentation. Text, sound, video, animation, and pictures are the important components of a multimedia presentation. Following are some of the points that we should keep in mind before preparing a multimedia presentation:

1. Text should be kept minimum.
2. Sound quality should be good.
3. The user should be able to use the keyboard and mouse.
4. It should be small in size.

Q:4 Write down Applications of Multimedia

Ans: Multimedia is used in many fields. Some of the important application areas of multimedia are given below:

1. Multimedia is used in the field of education.
2. Multimedia is used to represent the model of human body in medical science.
3. Multimedia is used in the field of entertainment.
4. It is used to inform customers at railway stations, banks etc.
5. It is used for face to face communication with people living far away.