

Dear Students!!

In this e-book of [7th class](#), study material of computer science is being sent to you as per new syllabus (2023-24). You can easily prepare your test / papers by reading these notes and watching the video lectures given below. Following are the links of the video lectures in blue colour. Watch these video lectures by clicking on the relevant link of chapter to have better understanding of various concepts.



7th Class - Monthly distribution of Computer Science Syllabus & Video Lecture Links (Pbi)

Month	Chapter and its Name	Link of Video Lecture
April	Chapter-1 Typing Tutor	https://youtu.be/GUFCpc_x-DA
May	Chapter -2 Windows Explorer	https://youtu.be/0E3I0GFbMJs
July	Chapter -3 Microsoft Word (Part-1)	
Aug	Chapter -4 Microsoft Word (Part-2)	https://youtu.be/vvQwkvhAXPI
Oct	Chapter -5 Microsoft Word (Part-3)	https://youtu.be/OWBofDDSpH0
Nov	Chapter -6 Microsoft Word (Part-4)	https://youtu.be/1s5-qjor608
Dec	Chapter -7 Introduction to Multimedia	
Jan	Chapter -8 Storage Devices	https://youtu.be/HcGdrY9BQIE

Video Lectures for Practical:

[Windows Explorer](#)

<https://youtu.be/XgaC4GRhOgs>

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 **YouTube** <http://youtube.com/c/computersciencepunjab>

Prepared By:

Vikas Kansal and Sukhwinder Singh

Computer Faculties, S.U.S. Govt. (G) Sen. Sec. School, Sunam Udham Singh Wala (Sangrur)

Please use the following link to download the study material/e-books/e-contents for 6th to 12th classes:

<http://cspunjab.nirmancampus.co.in/study.php>

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 Fill in the Blanks:

- I. A video can be classified into _____ types.
- II. There are _____ types of text.
- III. Path and Frames are the types of _____
- IV. PNG stands for _____

Ans: I. **Two** II. **Two** III. **Animation** IV. **Portable Network Graphics**

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?

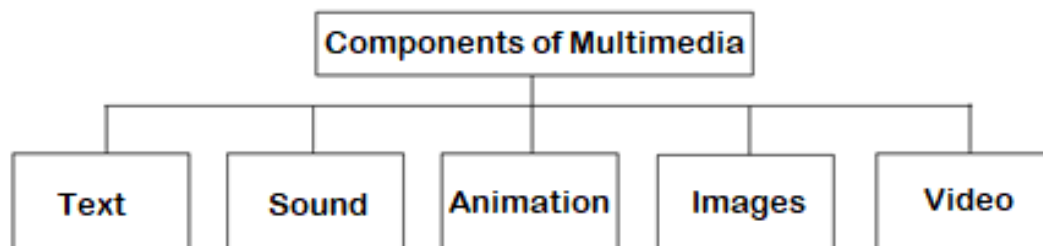
Ans: Multimedia conferencing is also called video conferencing. This is an important application area of multimedia. Using it, we can have face-to-face conversations with people living at distant places.

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.