

Dear Students!!

In this e-book of [6th 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.


6th Class - Monthly distribution of Computer Science Syllabus & Video Lecture Links (Pbi)

Month	Chapter and its Name	Link of Video Lecture
April	Chapter-1 Introduction to Computers	https://youtu.be/JIAIF6hSapc
May	Chapter -2 Components of Computers	https://youtu.be/PnpwPERc5IQ
	Chapter -3 Basics of Working with Computers	https://youtu.be/wcP8JzqhcPI
July	Chapter -4 MS Paint	https://youtu.be/skG2Q93xYWM
Oct	Chapter -5 MS Paint (Part-2)	https://youtu.be/MVxeAyjqNpc
Nov	Chapter -6 Hardware and Software	https://youtu.be/sONg_RSr9Q8
Dec	Chapter -7 Input Devices	https://youtu.be/ildZLh_0QMA
Jan	Chapter -8 Output Devices	https://youtu.be/OUeFcH2_780

Video Lectures for Practical:

Basics of Working with Computers

<https://youtu.be/OvtPBBu0nE0>

(Booting, Login, Desktop, Shut Down)

PLEASE DO NOT FORGET TO LIKE, SHARE AND SUBSCRIBE OUR YOUTUBE CHANNEL

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

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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 6th
Hardware and Software

Que:1 Multiple Choice Questions:

1. Computer is a combination of hardware and _____.
a) Software b) Application c) Processor d) All of these
2. Set of instructions is called _____.
a) Software b) Hardware c) Program d) Application
3. Group of programs is called _____.
a) Hardware b) Software c) Processor d) None of these
4. Software is of _____ types.
a) 2 b) 3 c) 4 d) 5
5. Computer cannot work without _____.
a) Word b) Excel c) Operating System d) PowerPoint

Que:2 Fill in the Blanks:

- I. We cannot touch _____
- II. Physical parts of a computer are called _____
- III. _____ is also known as Random Access Memory.
- IV. _____ software are used for some particular task.

Ans: I. Software II. Hardware III. RAM IV. Application

Que:3 Very short answer type questions

Q:1 Which part of CPU connects the other parts like Processor, Hard Disk, Ram etc

Ans: Motherboard

Q:2 What we call a set of instructions given to a computer?

Ans: Program

Q:3 Which part of computer cannot be touched but felt?

Ans: Software

Q:4 What are two types of Software?

Ans: System software and Application software

Q:5 Which type of softwares are expensive?

Ans: System Software

Que:4 Short answer type questions

Q:1 What is Hardware?

Ans: The physical components/parts of a computer are called hardware, For Example: keyboard, mouse, monitor, printer, etc. We can touch these parts. A complete computer system is made up by the interconnection of these physical components.

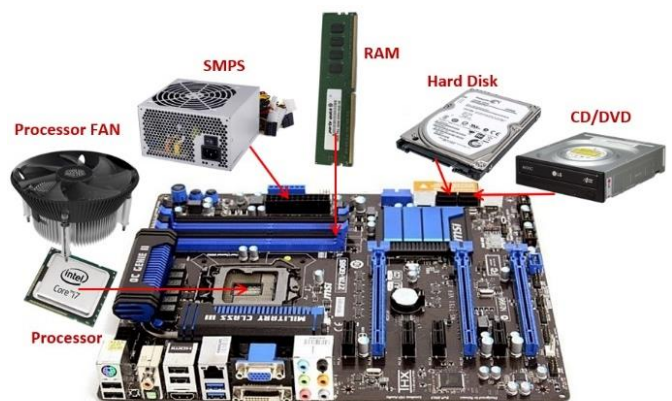
Q:2 What is Software?

Ans: A set of programs is called software. We can do any work in the computer using these softwares. These are the parts of the computer that we cannot touch. For example: paint, notepad, windows etc.

Q:3 Write the name of devices which are connected with motherboard?

Ans: The main devices which are connected with the motherboard are:

- Processor
- Processor Fan
- RAM
- Hard Disk
- Power Supply- SMPS
- CD/DVD



Q:4 Give four examples of Hardware.

Ans: Examples of hardware are:

- Keyboard
- Mouse
- Monitor
- Speaker
- System Unit
- Printer etc.



Q:5 What are the qualities or features of Software?

Ans: The qualities of the software are as follows:

1. Software has no weight.
2. We cannot touch it.
3. A software makes a hardware working.

Q:6 Explain the important points for taking care of hardware.

Ans: Here are some key points to keep in mind about hardware:

1. Keep computer parts clean.
2. Do not clean computer parts while the computer is turned on.
3. Do not press the keyboard keys too hard.
4. Cover it after use.
5. Don't eat anything near the computer.

Que:4 Long answer type questions

Q:1 Write the difference between Application Software and System Software?

Ans: The differences between application software and system software are:

	System Software	Application Software
1	These are essential parts.	These are non-essential parts.
2	They are very complex.	These are very simple.
3	They are expensive.	They are cheap.
4	They are made by experts only.	A person with less experience can made it.
5	The computer cannot function without it.	The computer can work without it.
6.	Example: Operating System etc.	Examples: Paint, Word, Excel, PowerPoint, Games, etc.

Q:2 Write a note on Hardware.

Ans: The physical components/parts of a computer are called hardware, for example: keyboard, mouse, monitor, printer, etc. We can touch and feel these parts, and these parts also occupy space. A computer system is made up by the inter-connection of these physical components. Hardware alone cannot do anything. The hardware needs instructions to work.

