

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 1st
Introduction to Computers

Que:1 Multiple Choice Questions:

Q:1 Computers can do _____.

A. Calculations B. Accept data & instructions C. Storage **D. All of above**

Q:2 Computer performs its operations with high _____.

A. Speed B. Accuracy C. Efficiency **D. All of above**

Q:4 In banks, computer is used for:

A. Keeping the bank safe **B. Keeping Account records** C. Keeping bank clean D. None of these

Q:4 In Education, A computer is used for:

A. Preparing Notes B. Preparing Result C. Preparing Reports **D. All of these**

Q:5 Which one of these is a limitation of Computer:

A. Speed B. Accuracy C. **No IQ** D. Diligence

Que:2 Write True or False

- I. We can use computers to book our tickets of Train and Airplanes.
- II. Computers can not do calculations with 100% correctness
- III. Data stored in Computers remain safe for a long time
- IV. Computers do not have feelings or IQ.

Ans: I. **True** II. **False** III. **True** IV. **True**

Que:3 Fill in the Blanks:

- I. Computer is an _____ machine.
- II. Mobile is a _____ device.
- III. Time taken by computer to do a work can be measured in _____
- IV. _____ also have a touchpad to fulfill the need of a mouse.

Ans: I. **electronic** II. **portable** III. **milliseconds** IV. **laptop**

Que: 4 Short Answer Type Questions

Q:1 Define Computer.

Ans: Computer is an electronic machine. It accepts data as input from the user and processes it under the control of instructions (program). After processing, it gives the result as an Output.



Q:2 Explain the uses of computer in Education Field?

Ans: Computers are used by students and teachers in education field. Students use computer to prepare notes, drawings, making projects etc. They use internet for study material and use of E-Contents. Teachers use computer to prepare results, Time table and reports.



Q:3 Write the name of any three Portable Computing Devices.

Ans: Name of Portable Computing Devices are:

- Mobile Phone
- Tablet Computer
- Palmtop Computer
- Laptop Computer



Mobile Phone



Tablet Computer



Palmtop Computer



Laptop Computer

Que: 3 Long Answer Type Questions

Q:1 What are the Characteristics of Computer?

Ans: Characteristics of computer are as follows:

1. **Speed:** Computers perform each of their task very fast
2. **Accuracy:** Computers do the calculations with 100% correctness of result
3. **Reliability:** Results of calculations produced by computers are error-free and reliable.
4. **Diligence:** Computer never gets tired as human does.
5. **Automation:** Computer performs its task automatically as it is programmed to do.
6. **Storage:** Computer's storage capacity is very large. It can store huge amount of data for a long time.

Q:2 Define any 3 applications of Computer.

Ans: Applications of computer mean use of computer in different fields. Some of the important application areas are:

- **Education:** Computers are used by students and teachers in education field
- **Entertainment:** Computer is a good source of entertainment. We can watch movies, listen songs and play games on computer.
- **Games:** Computer can be used to improve the performance of players.
- **Banks:** All the customer accounts an easily be managed using computers.

Q:3 What are the limitations of Computer?

Ans: Following are some of the limitations of computers:

- A computer cannot take decisions by itself.
- A computer cannot correct wrong instruction.
- Computer cannot do any work without instruction from the user.
- It does not have feelings or IQ (Intelligence Quotient)
- It does not have knowledge and experience like a human being

Q:4 What do you mean by Portable Computing Devices? Explain any three of them.

Ans: All computing devices which are easily carried with us are called Portable Computing Devices. Some of the common portable computing devices are given below:

- **Mobile (Smart) Phone:** Mobile is a hand holding device which is able to make calls and process data digitally.
- **Laptop Computer:** This small and light weight computer. We can work on this computer by placing it on our laps.
- **Tablet Computer:** It is a very thin portable computer. It is usually battery-powered. It has a touch screen as a primary interface and input device.



Mobile (Smart)



Laptop Computer



Tablet Computer

Q:5 Explain the uses of computer.

Ans: We can use the computer for the following purposes:

- i. We can do mathematical calculations on computer.
- ii. We can play games on computer.
- iii. We can draw pictures on computer.
- iv. We can listen songs and watch films on computer.
- v. We can use computer to print books and newspaper.
- vi. We can use computer to book our tickets to travel in Trains, Buses and Airplanes.
- vii. We can check the weather conditions of any place before travelling.
- viii. We can print reports, results of our school or time table.