Dear Students!!

In this e-book of **8th 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.

8ᵗʰ Class - Computer Science Syllabus & Video Lecture Links (Pbi)

8ਵੀਂ ਜਮਾਤ ਦੇ ਕੰਪਿਊਟਰ ਸਾਇੰਸ ਦੇ ਪਾਠਾਂ ਨਾਲ ਸੰਬੰਧਤ ਵਿਡੀਓ ਲੈਕਚਰਾਂ ਦੀ ਪਲੇਅਲਿਸਟ ਦਾ ਲਿੰਕ:

https://youtube.com/playlist?list=PLja3EaJFAjmb2GmtO1tR1b9LSAvgl21AA

ਪਾਠਾਂ ਅਨੁਸਾਰ ਵਿਡੀਓ ਲੈਕਚਰਾਂ ਦੇ ਲਿੰਕਸ:

ਪਾਠ-1 ਟਾਈਪਿੰਗ ਟਿਊਟਰ-ਪੰਜਾਬੀ ਦੀ ਵਿਆਖਿਆ ਦਾ ਵਿਡੀਓ ਲੈਕਚਰ	**https://youtu.be/30yncS5iCKY**
ਪਾਠ-1 ਟਾਈਪਿੰਗ ਟਿਊਟਰ-ਪੰਜਾਬੀ ਦੇ ਅਭਿਆਸ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਹੱਲ	**https://youtu.be/5gALeNhzsnM**
ਪਾਠ-2 ਇੰਟਰਨੈਟ ਫੰਡਾਮੈਂਟਲਜ਼ ਦੀ ਵਿਆਖਿਆ ਦਾ ਵਿਡੀਓ ਲੈਕਚਰ	**https://youtu.be/IeyWAOQI0PY**
ਪਾਠ-2 ਇੰਟਰਨੈਟ ਫੰਡਾਮੈਂਟਲਜ਼ ਦੀ ਵਿਆਖਿਆ ਦੇ ਅਭਿਆਸ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਹੱਲ	**https://youtu.be/Co1ZIFtuG1I**
ਪਾਠ-3 ਸੂਚਨਾ ਟੈਕਨੋਲੋਜੀ ਨਾਲ ਜਾਣ-ਪਛਾਣ ਦੀ ਵਿਆਖਿਆ ਦਾ ਵਿਡੀਓ ਲੈਕਚਰ	**https://youtu.be/JohHSCBJv30**
ਪਾਠ-3 ਸੂਚਨਾ ਟੈਕਨੋਲੋਜੀ ਨਾਲ ਜਾਣ-ਪਛਾਣ ਦੇ ਅਭਿਆਸ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਹੱਲ	**https://youtu.be/gpHzkJyr1hA**
ਪਾਠ-4 ਐਮ.ਐਸ. ਪਾਵਰਪੁਆਇੰਟ ਭਾਗ-1 ਦੀ ਵਿਆਖਿਆ ਦਾ ਵਿਡੀਓ ਲੈਕਚਰ	**https://youtu.be/0l4hvRnO-vs**
ਪਾਠ-4 ਐਮ.ਐਸ. ਪਾਵਰਪੁਆਇੰਟ ਭਾਗ-1 ਦੇ ਅਭਿਆਸ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਹੱਲ	**https://youtu.be/tX5rMvZXRxM**
ਪਾਠ-5 ਐਮ.ਐਸ. ਪਾਵਰਪੁਆਇੰਟ ਭਾਗ-2 ਦੀ ਵਿਆਖਿਆ ਦਾ ਵਿਡੀਓ ਲੈਕਚਰ	**https://youtu.be/mdgBGzo9hfw**
ਪਾਠ-5 ਐਮ.ਐਸ. ਪਾਵਰਪੁਆਇੰਟ ਭਾਗ-2 ਦੇ ਅਭਿਆਸ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਹੱਲ	**https://youtu.be/juNk4gEc6Mg**

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

▶ 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 3rd
Introduction to Information Technology

Que:1 Multiple Choice Questions:

1. _____ means our computer is receiving data from the Internet.

a) Uploading   b) **Downloading**   c) Surfing   d) None of these

2. The opening page of a website is usually called _____.

a) **Home Page**   b) Web Page   c) Main Page   d) None of these

3. _____ indicates a state of connectivity.

a) Offline   b) **Online**   c) Inline   d) None of these

4. _____ means to move from place to place (one website to another website) on the Internet to search for the topics of interest.

a) Web Searching   b) Downloading   c) **Web Surfing**   d) All of these

5. _____ is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser.

a) Net Banking   b) E-Mail   c) **Online Shopping**   d) Mobile

Que:2 Write True or False:

1. The result of any board or university can be seen online.   **(True)**
2. Offline means we are connected with the Internet.   **(False)**
3. A website has only a single web page.   **(False)**
4. Web search is the act of looking for webpages.   **(True)**
5. Each website has its own unique website address.   **(True)**

Que:3 Fill in the Blanks:

I. A collection of one or more pages grouped under the same domain is called _____.
II. _____ means not connected with Internet
III. _____ technology is providing us new tools of communication to collect knowledge and information.
IV. Banks that provide the facility of Net Banking are also known as _____
V. We can buy goods from home using _____

Ans: **I. Website**   **II. Online**   **II. Information**   **IV. Virtual Banks**   **V. Online Shopping**

Que:4 Short Answer Type Questions:

Q:1 What is Information Technology?

Ans: Information Technology is also known as IT. It is a technology that is related with Computer Hardware and Software. It is used to process, store and transfer information. Information Technology plays a big and important role in the progress of any country. It is changing the way of our life style, learning, playing and working.

Q:2 What is Website?

Ans: A website is a collection of one or more web pages grouped under the same domain. Pages of website are linked together with the help of hyperlinks. Each web page has a unique address which is known as Uniform Resource Locater (URL). The very first page of a website is called its Home Page. To view the contents of web sites/pages, we have to use web browsers.

Q:3 What is searching?

Ans: Searching means finding something. Searching on internet is performed when we do not know the URL of web pages that have information to be searched. Search Engines are used to search the information on the world wide web. GOOGLE and BING are the most popular search engines.

Prepared By: Vikas Kansal (CF, S.U.S. Govt. Sen. Sec. School (Girls), Sunam Udham Singh Wala (Sangrur))   **Page-1**

(Please Visit http://cspunjab.nirmancampus.co.in for more computer science contents)

Q:4 What do you mean by online and offline?

Ans: Online and Offline are the technical terms used in the world of internet. Following description explain these terms:

Online	Offline
1. Online means we are connected with internet 2. When we are online, we are working with the files that are stored on the webserver.	1. Offline means we are not connected with the internet. 2. When we are offline, we are working with the files that are stored on our own device (Computer/Mobile).

Que: 4 Long Answer Type Questions

Q:1 Explain the Need of Information Technology?

Ans: Following uses in different areas shows the need of Information Technology:

1. **IT in Business and Industry**: Information Technology is required in Business and Industry to make the processing of work easier.
2. **IT in Homes**: Information Technology is required in homes for the purpose of education, communication and entertainment.
3. **IT in Training**: Information Technology is required for the training purpose in the field of schools, colleges and in many other areas.

Q:2 Write the steps to view on line result.

Ans: Following process can be followed to view the online result:

1. First of all, open any web browser.
2. Now, type the URL of website having result.
3. Select the session and class details for which we want to view the result.
4. Fill the details that are required to view the result-such as roll no, name of student etc.
5. Now Click on the Search Result Link/Button

Enter Roll No	_____	Find Results
	OR	
Enter Name	_____	Find Results

Q:3 Write a note on Mobile Technology

Ans: Mobile technology is a portable technology. This technology is a part of Information Technology. Mobile technology makes it possible to communicate with the places of the world that are very far from us. It has completely changed the face of communication. Following are some important uses of mobile technology:

1. Education
2. Surveys and Polling
3. Banking
4. Data Analysis

Q:4 Explain about on-line shopping?

Ans: Online shopping is a form of doing Electronic Commerce. It allows us to purchase goods and services from home using the internet. We can do online shopping at any time from any corner of the world. The bill payments of online shopping can be paid with the help of Credit/Debit Cards or Net Banking etc. The purchased items will be delivered to our home by the merchant. AMAZON, FLIPKART etc. are the popular e-commerce sites for online shopping

Q:5 What is Net Banking? Explain?

Ans: Net Banking is also known as Online Banking. Net banking has completely changed the way of working of banks. We can do many banking activities from home with the help of internet. Following are some of the common activities that we can do from home using Net Banking:

- **We can get details of our bank accounts**
- **We can do bill payments of Electricity etc.**
- **We can transfer funds to other accounts from our own accounts**

Banks that provide the facility of net-banking are also known as Virtual Banks, Cyber Banks or Web Bank.