Dear Students!!

In this e-book of 11th class, study material of computer science is being sent to you as per new syllabus (2021-22). You can easily prepare your test / papers by reading the contents in this file. Following are the links of the video lectures (for HTML and C Language) for various practical topics of your syllabus for better understanding of various concepts.

11th Class - Monthly distribution of Computer Science Syllabus & Video Lecture Links (Pbi)

How to do HTML Practical on Mobile?	https://youtu.be/PYFuKCwdlOY
HTML Part-1	https://youtu.be/DcYz0QX9CVs
HTML Part-2	https://youtu.be/qLlzLKrbhIA
Programs, Programming & Programming Languages	https://youtu.be/CKwC8oeOw_o
Introduction to C Language: Part-1	https://youtu.be/G9ZaHvTd5sU
Introduction to C Language: Part-2	https://youtu.be/8NXsnDCr1ho
Introduction to C Language: Part-3	https://youtu.be/aU06gTkp82k
Operators and Expressions in C	https://youtu.be/PGv1_8Q5fh8
Control Statements in C - Branching	https://youtu.be/xi-38dRt3mY
Control Statements in C – Looping & Jumping	https://youtu.be/NIkDGAr-AjE

C Language – Practical Video Lectures

C Language Practical -1	https://youtu.be/8hg3BJAyBqE
C Language Practical -2	https://youtu.be/v_lw8wmfIP4
C Language Practical -3	https://youtu.be/RBq--darc0I

Following is the Link of Playlist for detailed Lectures on C Programming

https://youtube.com/playlist?list=PLja3EaJFAjmYjeAcDs0ZQdVmx7liCtg5P

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▶ 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

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Chapter 2ⁿᵈ
Usage of Internet

Que1: Multiple Choice Questions

1. We can locate a job on
a. Newspaper   b. Internet   c. Both (a) and (b)   d. None of these

2. The collection of information which is accessed via the Internet.
a. Data   b. Information   c. World Wide Web   d. Web

3. These searches are useful when we don't know the full text of a quote.
a. Wildcards   b. Operators   c. Image   d. News

4. It is a photo and video sharing social media app.
a. Facebook   b. Instagram   c. Both (a) and (b)   d. None of these

5. It is the most popular product of Google.
a. bing.com   b. google.com   c. wikipedia.com   d. yahoo.com

Que:2 Fill in the Blanks:

1. _____ allows us to view and access websites on the Internet
2. Action or activity of buying goods or services over the Internet is known as _____
3. _____ is a web-based tool that enables users to locate information on the World Wide Web.
4. Enclosing a search term within_____ prompts the search engine to search for that specific word or phrase.
5. Without a subscription with _____, we won't have a connection to the Internet

Ans: 1. **Web Browser**   2. **Online Shopping**   3. **Search Engine**
         4. **Quotation Marks**   5. **Internet Service Provider**

Que:3 Very Short Answer Type Questions

Q:1 A company that provides Internet connections and services to individuals and organizations is known as_____?
Ans: Internet Service Provider (ISP)

Q:2 What is the full form of HTTPS?
Ans: Hyper Text Transfer Protocol over Secure socket layer

Q:3 Which tool is used to search only for job?
Ans: Job Search Engines

Q:4 What is the method of saving a web page's address called?
Ans: Bookmark or Favorites

Q:5 Name any one free, open content online encyclopaedia.
Ans: wikipedia.com

Que:4 Short Answer Type Questions.

Q:1 Define Web browser?
Ans: Web Browser is an application software. We can easily access the websites over the internet with the help of web browsers. It helps user to find web pages, to access them and to display them on screen. For using websites, users have to provide the URL (Uniform Resource Locator) of sites in the address bar of the browser. Internet Explorer, Google Chrome, Firefox, Opera etc. are the examples of commonly used web browsers.

Q:2 What is the use of quotation marks in online search?
Ans: During online search, when we enclose the search term in quotation marks, the search engine will find only that particular term or phrase on the web and will not show the similar terms in the search result. For example: if we begin our online search by typing the term movie director, the search engine may show a lot of results similar to 'movie', 'director', 'movie director' or 'film director' etc. But if we begin our search by enclosing the search term in quotation marks (i.e. "movie director"), search engine will show results only related to that particular term 'movie director'.
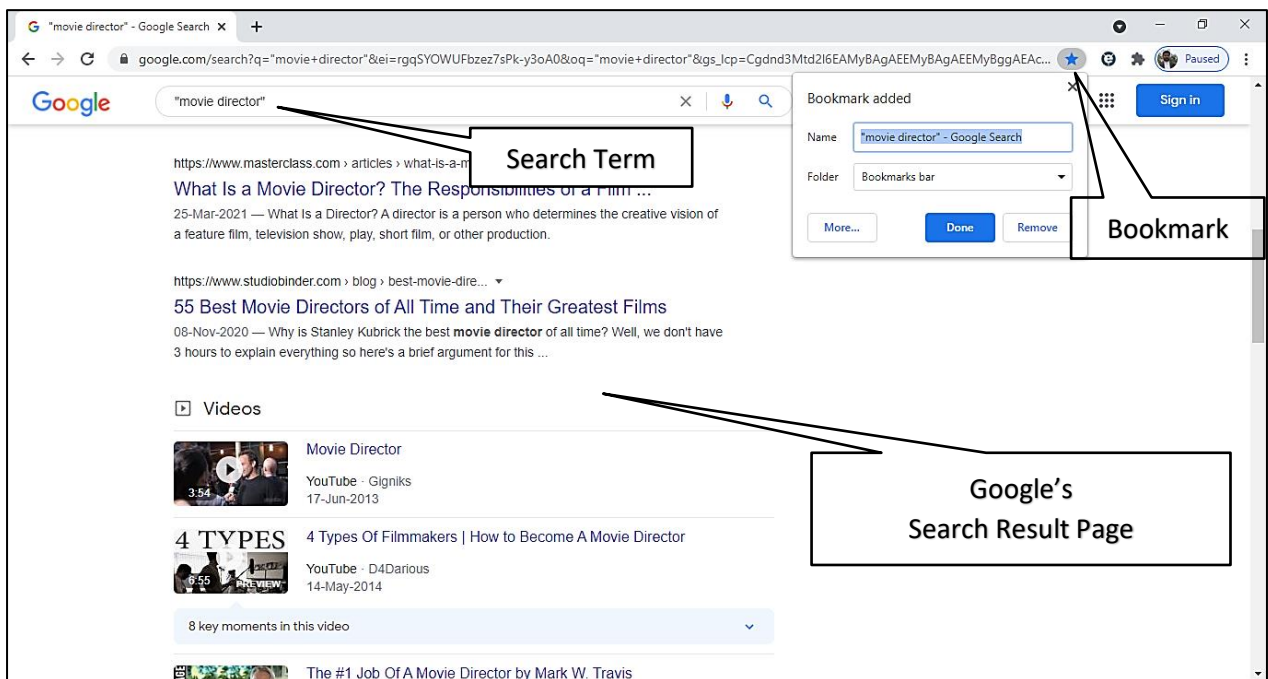
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Q:3 Name any five Internet Security Threats.

Ans: Following are the common internet security threats:

1. Hackers
2. Viruses
3. Spyware
4. Worms
5. Phishing
6. Spamming

Q:4 Explain Google Search Engine.

Ans: Google search engine is the best search engine in the world. It is one of the most popular products of Google. Google has become one of the most popular and trusted search engines in terms of quality of search results. Google is using a sophisticated algorithm to deliver the best results to its users. Google is founded by Larry Page and Sergey Brin.

Q:5 What is Bookmark?

Ans: Bookmarks are also known as Favorites. Web addresses can be saved with the help of bookmarks so that whenever we have to open that web address again we can quickly re-open it without having to type it again. All web browsers offer the option to save the web address. Internet Explorer is the only web browser that uses the word Favorites to save a web address. In Mozilla Firefox, Google Chrome, etc. this option is called Bookmark. To set a bookmark, click on Star in the web browser's address bar.

Q:6 Define World Wide Web?

Ans: The World Wide Web (WWW) is also known as the Web or W3. It is a huge collection of different types of information. It includes all public web sites that are connected to the Internet worldwide. Each website/page is assigned a unique name/address, called a URL (Uniform Resource Locator). Information stored on the www can be viewed with the help of web browsers (Internet Explorer, Mozilla Firefox, etc.). World Wide Web uses HTTP protocols to transfer the contents of webpages.

Que:5 Long Answer Type Questions.

Q:1 Explain any four online search techniques.

Ans: When we search information using search engines, we can make our search more effective by using certain search techniques. Here are some key search techniques:

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- **Using specific keywords**: Keywords are the search terms that we use to find the contents on the Internet. Keep keywords as specific as possible.
- **Using Quotation Marks**: When we enclose the search term in quotation marks, the search engine will search only for that particular word or phrase on the web. It will not show results with similar words.
- **Search for a specific site**: When we want to limit our search to a specific site, we can search using 'site:'. For example: site: www.pseb.ac "result" will show all the pages from www.pseb.ac.in in which the word "result" is written.
- **Related site search**: Another useful operator is 'related:'. Type it in front of a web address that we already know about. For example: related: abc.com. It will show all the websites that are similar to abc.com

Q:2 What are the advantages and disadvantages of online shopping?
Ans: Following are the advantages and disadvantages of online shopping:

Advantages of Online Shopping	Disadvantages of Online Shopping
Convenience	Negative Environmental Impact of Packaging
Better Prices	Shipping Problems and Delays
More Variety	Risk of Fraud
Easy to Send Gifts	Spending Too Much Time Online
More Control	Returns Can Be Complicated
Easy Price Comparisons	We Don't Know Exactly What we are Getting
No Crowds	

Q:3 What is social networking? Explain any two social networking sites.
Ans: Social networking means staying connected with friends, family members, colleagues or customers using Internet-based social media sites. Facebook, YouTube, Twitter, LinkedIn and Instagram are some of the important social media sites:

- **Facebook**: Facebook is the largest social media site. Many people use it for social or commercial purposes. We can share our content on Facebook in various formats such as text, images, videos, live videos, and stories. To use Facebook, we need to create an account on it.
- **YouTube**: YouTube is a video sharing platform. We can create our own YouTube channel where we can create and upload videos. People who watch videos are able to like, share and comment on our videos.

Q:4 What is the Facility of FASTag in travelling? What are its benefits?
Ans: FASTag is a tag that automatically deducts toll charges at toll plazas. Using it, we can pass through the toll plaza without stopping for the cash transaction. FASTag is linked to a prepaid account from which the amount of toll charge is deducted automatically. FASTag uses RFID (Radio-Frequency Identification) technology. FASTag is the perfect solution for easy travel on national highways.
Benefits of using FASTag:
- **Ease of Payment**: Toll charges are automatically deducted from FASTag's prepaid. There is no need to carry cash for toll expenses during the journey.
- **Time saving**: There is no need to stop for cash transactions at the toll plaza, this saves time.
- **Online Recharge**: FASTag can be recharged online through Credit Card/Debit Card/NEFT/RTGS or Net Banking.
- **Message Alerts**: SMS Alerts related to transactions are received at toll plazas.
- **Validity**: The validity of FASTag is five years.

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