

Revised Course Content only for HSLC Examination, 2022
in view of COVID-19 Pandemic

COMPUTER SCIENCE

Subject Code – 34

Class : X
Marks 100

Theory : 80
Practical : 20
Time - 3 hours

Ch. No.	Lessons	Marks
		Final
1.	Introduction to the Internet	10
2.	Internet Services	15
3.	Inserting Images and Creating Tables in HTML 5	6
4.	Links and Frames	6
5.	XML	10
6.	Introduction to Javascript	8
7.	Looping in Javascript	7
12.	My SQL	12
13.	Societal Impact of Information Technology	6
	TOTAL	80
	Practical	20

N.B.: 1) Chapter 9, 10 & 11 are excluded from the syllabus.
2) Chapter 8 & 14 are only for practical.

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(A) Chapters which are kept as they are : Ch. 3

(B) Chapters in which course are reduced.

Chapterwise omitted portions are as stated below

1) Ch. 1 : Introduction to Internet

* Web Address

- Letter addressing system
- Number addressing system

* Network classes

- Uniform Resource Locator (URL)
- Structure of a URL
- Absolute URL
- Relative URL

2) Ch. 2 : Internet Services

* FTP

* Newsgroups

* Blog

* Social Networking

- Facebook
- Twitter
- Benefits of Social Networking sites
- How to stay safe on Social Networking sites

* Cloud Computing

3) Ch. 4 : Links and Frames in HTML 5

* Creating frames

* Inserting audio and video

- <audio> tag
- <video> tag
- <embed> tag

Contd...

- 4) **Ch. 5: XML**
 - * Validating an XML document
 - * XML Application and Architecture
 - * XML parser
 - * Declaring child elements
 - * Attribute list declaration
 - * Entity
 - 5) **Ch. 6: Introduction to Javascript**
 - * Switch statement
 - 6) **Ch. 7 : Looping in Javascript**
 - * Break statement
 - * Continue statement
 - 7) **Ch. 12: My SQL**
 - * Select Statement
 - Selected columns and all the rows
 - Selected rows and all the columns
 - Selected rows and select columns
 - Eliminating duplicate values
 - Retrieving all data values
 - Range Searching
 - * Range searching
 - * Pattern matching
 - * Working with Operators
 - * Sorting data in a table
 - * Deleting data from tables
 - * Updating data in tables
 - * Aggregate or group functions
 - * Group by clause
 - * Having clause
 - 8) **Ch. 13: Societal Impact of Information Technology**
 - * Data backup and recovery tools and methods
 - * Hackers and crackers
 - * Information security provisions in E-commerce
 - * IT and ICT
- (C) Chapter which are totally omitted : Ch. 8 & Ch. 14.