

SYLLABUS- 2020 – 2021

STANDARD: 12

SUBJECT: COMPUTER APPLICATION (THEORY)

UNIT	CONTENT
1. Multimedia and Desktop Publishing	1.1 Introduction to Multimedia 1.4 File format of Multimedia 1.5 Multimedia production 1.8 Libraries, Information Centers, Archives
2. An Introduction to adobe Pagemaker	2.2 Introduction to Adobe Pagemaker 2.7 Text Block 2.8 Understanding Story 2.9 Threading text block 2.10 Placing text in a frame 2.16 Magnifying and Reducing with the Zoom tool 2.17 Formatting a document 2.18 Drawing 2.19 Working with pages 2.20 Master Pages 2.21 Print a Document
3. Introduction to Database Management System	3.1 Introduction to DBMS 3.3 RDBMS 3.4 RDBMS jargons 3.5 ER model 3.6 ER Diagram 3.7 Introduction to MYSQL
4. Introduction to Hypertext Pre-Processor	4.1 Introduction to PHP 4.3 Client server Architecture 4.6 Web development concept
5. PHP Function and Array	5.1 Parameterized function 5.2 Array in PHP
6. PHP Conditional Statements	If else statement in PHP If elseif else statement in PHP Switch case
7. Looping Structure	Looping structure introduction For Each loop
8. Forms and Files	8.1 HTML forms
9. Connecting PHP and MYSQL	9.1 MYSQL function in PHP

10. Introduction to Computer Networks	10.1 Introduction 10.3 Uses of the computer networks
11 . Network Examples and Protocols	11.1 Introduction
12: DNS (Domain Name System)	12.1 Introduction 12.2 Overview of DNS 12.4 Uniform Resource Locator(URL) 12.5 DNS Components
13: Network Cabling	13.1 Introduction 13.2 Types of network cables
14: Open Source Concepts	14.1 Introduction
15: E-Commerce	15.1 Introduction to E-commerce 15.2 The Evolution of Electronic commerce 15.3 The Development and growth of Electronic commerce 15.5 E-Commerce Revenue models
16: Electronic Payments Systems	16.1 Introduction to Electronic payment systems 16.2 Classification of Electronic payment methods 16.3 Card based payment systems 16.4 Electronic Account Transfer
17 : E - Commerce Security Systems	17.3 Dimensions of E-Commerce security 17.4 Security Technologies
18 : Electronic Data Interchange (EDI)	18.3 Advantages of EDI 18.4 EDI Layers 18.5 EDI Components 18.6 EDI Standards 18.7 UN / EDIFACT
Practical	II Page Maker - Creating Notice IV Page Maker - Creating Notice Board V MYSQL - Usage of commands in DB VI PHP - Basic Programming VII PHP - Create Execute Variables IX Stirng Functions