

Microtech Computer Institute

SYLLABUS

Technical System Course (TSC)

by

Ministry of Communications & Information Technology
Govt Of India



(Revision I)

Duration of the Course

Theory: 21 hrs + Practical: 46 hrs. + Tutorial: 3 hrs. This course can also be offered as 10 days full time intensive course.

Syllabus Outline

	Theory	Tutorials	Practical	Total Time
1. Introduction to Computer System	7	-	8	675 Mints.
2. MS Paint , MS Notepad	4	-	15	855 Mints.
3. Introduction to WEB	3	-	8	495 Mints.
4. Introduction to Ethical Hacking	3	2	5	675 Mints.
5. Introduction to Software Developing/Making & Virus Making	4	2	10	360 Mints.
Grand Total	21	4	46	51 Hrs.

DETAILED SYLLABUS

1. Introduction to Computer System

- 1.0 Introduction
- 1.1 Objectives
- 1.2 What is Computer?
 - 1.2.1 Difference B/w Computer & Laptop
 - 1.2.2 Application & Characteristics Of Computer System
 - 1.2.3 Booting, Warming, and Freezing of Computer System.
- 1.3 Components of Computer System
 - 1.3.1 Central Processing Unit
 - 1.3.2 Keyboard, Mouse HDMIC and VDU
 - 1.3.3 Other Input devices
 - 1.3.4 Other Output devices
 - 1.3.5 Computer Memory (RAM, ROM, HDD, FDD, SDD)

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1.3.6 Installing Device Drivers.

2. MS Paint & MS Notepad

- 2.0 Introduction
- 2.1 Objectives
- 2.2 Basics Introduction
 - 2.2.1 Use Of MS Paint
 - 2.2.2 Tools & Options
 - 2.2.3 Drawing Of Coin
 - 2.2.4 Drawing Of Village
 - 2.2.5 Drawing Of House
 - 2.2.6 Drawing Of Phone
 - 2.2.7 Drawing Of Computer
 - 2.2.8 Drawing Of Wall
 - 2.2.9 Picture & Image Difference & Size Change.
- 2.3 Basics Introduction
 - 2.3.1 Use Of Notepad
 - 2.3.2 Tools & Options

3. Introduction to WEB

- 3.0 Introduction to Web
 - 3.0.1 What is Web
 - 3.0.2 Types Of Web
 - 3.0.3 Creating Internet Page (HTML)
 - 3.0.4 Basic Tags (HTML)
 - 3.0.5 Create own Website (HTML)
 - 3.0.6 Printing Web Pages
 - 3.0.7 Sending E-Mail

4. Introduction to Ethical Hacking

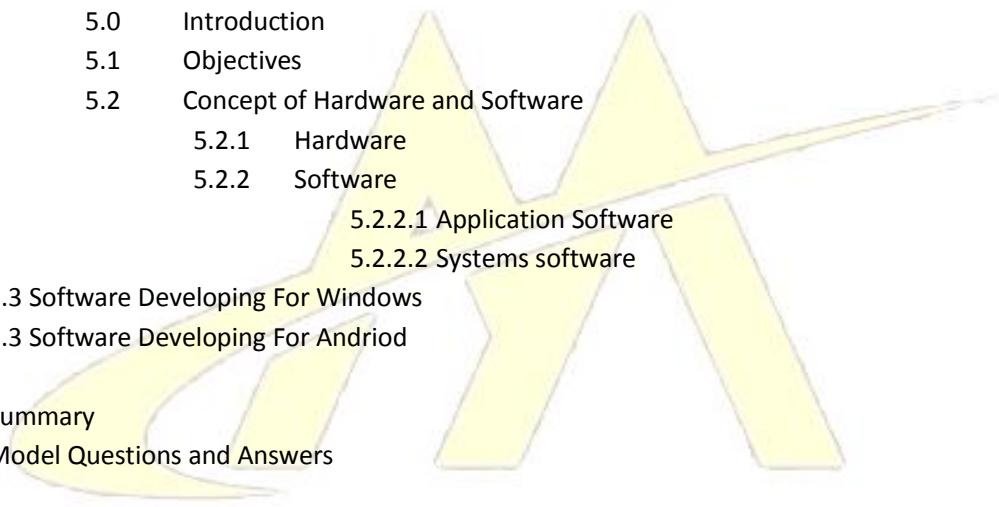
- 4.0 Introduction
- 4.1 Difference B/W white & black hat Hacking
- 4.2 Basic Elements use of Ethical Hacking
 - 4.2.1 Basic Ethical Hacking
 - 4.2.2 Creating Attacks
 - 4.2.3 Linus O/S.

5. Introduction to Software Developing/Making & Virus Making

- 5.0 Introduction
- 5.1 Objectives
- 5.2 Concept of Hardware and Software
 - 5.2.1 Hardware
 - 5.2.2 Software
 - 5.2.2.1 Application Software
 - 5.2.2.2 Systems software
- 5.3 Software Developing For Windows
- 5.3 Software Developing For Andriod

Summary

Model Questions and Answers

A large, stylized yellow 3D pyramid graphic is positioned in the center of the page. It has a wide base and tapers to a point. The pyramid is set against a white background and is partially overlaid by the text and list items from the sections above.

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