



# Subodh Public School Rambagh

Session: - 2017-2018

**Subject- Foundation of Information Technology**

**Subject Code - 165**

**Class: - Flyers-2**

## Learning Objectives:

- Understanding organization of a computer system and networking.
- Ability to work on office tools such as word processor, spreadsheet and presentation.
- Ability to apply knowledge and practice on office tools to develop IT applications
- Ability to use Indian languages in developing an IT application.
- Appreciation/awareness of societal impacts of information technology in business. Public services , education, health etc.
- Awareness of basic information security issues.
- Ability to design HTML webpage.
- Basic understanding of database design.

## Job Opportunities:

- Upon completion of this optional course on FIT at secondary level, one will be able to assist in IT-enabled office work.

**Name of Book:- Zoom into Computers, Cordova Publications  
Foundation of Information Technology**

	<b>Name</b>	<b>Phone no.</b>	<b>Email ID</b>
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## Periodic Test-1 (By July, 2017)

**Syllabus 30%**

<b>Ch. no.</b>	<b>Name of Chapter</b>	<b>Marks 20/2=10</b>	<b>Time frame</b>	<b>%</b>
1	Introduction to Internet	6	April	30%
4	Introductory Database concepts	10	April	50%
3	Browser	4	May	20%

## Activity

Month	Activity Description	Chapter/Topic	Marks (5)	Resources	Activity Details	Learning outcomes	Virtue
April-August	<b>Notebook Assignment</b>	Chapter 1,4,5	5	Text Book, CBSE Sample papers	Students to do various types of questions in note book	To strengthen various aspects e.g. knowledge, application, skills	
August		Introductory Database concepts			Practical activity	Learn to create database	Prudence

### Periodic Test-2 (September 11-27 ,2017)

Syllabus 60%

Ch.	Name of Chapter	Marks 80	Time frame	%
1	Introduction to Internet	12	April	15%
2	Internet Services		July	
4	Introductory Database concepts	20	April	25%
3	Browser		May	
6.	Introductory HTML	48	July	60%
7.	Advanced HTML		August	

### Periodic Test-3 (By Nov., 2017)

Syllabus 30%

Ch. no.	Name of Chapter	Marks 20/2=10	Time frame	%
5	Advanced MS-Access	8	October	40%
8.	Introduction to XML	12	November	60%

## Activity

Month	Activity Description	Chapter/Topic	Marks (5)	Resources	Activity Details	Learning outcomes	Virtue
Nov.	Subject enrichment Activity	Advanced HTML	(5)	Text Book, CBSE Sample papers	Designing a webpage on "Swachh Bharat". (Practical Activity)	Learn to design website	Health and Hygiene
Oct. - Nov.	Notebook Assignment	Chapter:-1-11			Students to do various types of questions in note book	To strengthen various aspects e.g.knowledge, application, skills	

## Pre-Board (January )100% Syllabus

Chapter weight age as per CBSE Directives /Norms.

Consult Curriculum 2017-18 for Topics

Unit	Description		Teaching Strategies
1	Basics of Information Technology	L-1	Ability based learning ,Experiential Learning ,Hybrid Learning ,Lecture Strategies ,Learning By Doing Method ,Smart Class / Black Board Method
		L-2	Ability based learning ,Experiential Learning ,Hybrid Learning ,Lecture Strategies, Mobile Learning ,Learning By Doing Method. Smart Class / Black Board Method
		L-3	
2	Information Processing Tools	L-4	Lecture Strategies, Mobile Learning, Learning By Doing Method. Ability based learning ,Experiential Learning ,Hybrid Learning, Smart Class / Black Board Method
		L-5	
		L-6	
		L-7	
		L-8	
3	IT Applications(practical based)L-9,10		Experiential Learning , Learning By Doing Method
4	Societal impacts of IT L-11		Reading Method , learning ,Experiential Learning ,Hybrid Learning ,Lecture Strategies ,Learning By Doing Method ,Smart Class / Black Board Method