



*Sir Padampat Singhania Education Centre*  
*Kamla Nagar, Kanpur*

*Lesson Plan*  
*Session 2019 - 2020*  
*Class: 12<sup>th</sup>*

**Subject  
Book**

**: Informatics Practices (065)  
: Informatics Practices By Sumita Arora  
(Dhanpat Rai & Company)**

**Head of Department**

Name: Ms.Richi Sharma

Sign:



# Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

## Yearly Syllabus/Planning overview

Session: 2019 - 2020

Subject : Informatics Practices

Class : XII

No. of periods : \_\_

Month	Assessed in	Lesson/s to be covered	Period Count
April	Term I Term II HY Pre Board	DML Commands DDL Commands	
May	TEST -I Term I Term II HY Pre Board	Database Transactions Introduction to Grouping	
June	Term I Term II HY Pre Board	Introduction to Table Joins	
July	Term II HY Pre Board	Joining Continued Combo Box,List>Password Field,JDialog,JOptionPane in java	
August	Term II HY Pre Board	HTML-I HTML-II XML Introduction to Classes and Objects, Access Specifies	
September	Term II HY Pre Board	More about classes and Libraries Concept of Inheritance	
October	HY Pre Board I	Computer Networking Open Source Concepts	
November	Pre Board	Web application Development Database Connectivity to MySQL IT Applications	
December	Pre-Board	Revision	
January	Borad Ex	Revision	
February	Borad Ex	Revision	
March	Borad Ex		

Subject coordinator:

HOD:



# Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

## Monthly Syllabus/Planning overview

Session: 2019 - 2020

**Subject** : Informatics Practices

**Class** : 12<sup>th</sup>

**No. of periods** :

Month	Date/Week		Lesson/s to be covered in classroom	Period
	From	To		Count
Apr	9/04/19	13/04/19	DML Command- UPDATE, DELETE(Lab Practice Given) DDL Commands- ALTER, DROP	3
	15/04/19	20/04/19	Lab Practice on ALTER and DROP	3
	22/04/19	27/04/19	Introduction to Database Transactions-Transaction Properties, Transaction Commands- BEGIN, COMMIT, ROLLBACK, SAVEPOINT, SET Autocommit	3
	29/04/19	04/05/19	Practice Questions on Transactions, Lab Practice. Aggregate Functions- AVG, COUNT, MAX	
May	06/05/19	11/05/19	Aggregate Functions- MIN, SUM, COUNT, Types of SQL Functions- Single Row and Multiple Row, GROUP BY Clause, HAVING Clause	3
	13/05/19	18/05/19	TEST – Week	2
	20/05/19	25/05/19	Introduction to Table Joins, Cartesian Product, Qualified Names, table Aliases(Lab Practice on Joins)	3
<b>Summer Vacations Begins for Class 10<sup>th</sup> (28-May 2019 to 27-June 2019)</b>				
Jun	28/06/19	29/06/19	EQUI JOIN, NON-EQUI JOIN, Natural Join, Left Join, Right Join(Lab Practice)	1
	01/07/19	06/07/19	Combo Box, List, Password Field, Jdialog, JOptionPane	4

<b>Jul</b>	08/07/19	13/07/19	Programming Questions on Combo box, List, Password Field	5
	15/07/19	19/07/19	Problem Solving Sessions on Java and SQL Revision of test syllabus .	5
	22/07/19	27/07/19	<b>TEST</b>	5
	29/07/19	03/08/19	HTML-I- HTML and its Capabilities, Container and Empty Tags, HTML Tag Structure, Basic HTML Tags, Combining Tags	5
<b>Aug</b>	05/08/19	10/08/19	HTML-II- List in HTML, Tables, HTML Forms	3
	12/08/19	17/08/19	XML-features of XML, Logical Structure of XML Documents, Document Categories	3
	19/08/19	24/08/19	Validating XML Documents, XML VS HTML Advantage of XML. Introduction to Classes and Objects, access specifiers	5
	26/08/19	31/08/19	Java Libraries, working with Strings, Math Library Need For Inheritance, Different forms of Inheritance, Subclass, Overloading	5
<b>Sep</b>	02/09/19	07/09/19	Revision of Half Yearly Syllabus	5
	09/09/19	14/09/19	Revision of Half Yearly Syllabus	-
	16/09/19	21/09/19	Half yearly Exams Begins	-
	23/09/19	28/09/19	Half yearly Exams continued	-
	30/09/19	05/10/19	Computer Networking- Need for Network, Terminology, Topologies, Types of Networks	2
	07/10/19	12/10/19	Transmission Media, Networking Devices, Security, Security Concepts.	2

<b>Oct</b>	14/10/19	19/10/19	Open Source Concepts-Types of Standards, Common Open standars, Indian Language Computing.	-
	21/10/19	26/10/19	Web Application Development, JDBC Connectivity Revision	3
	28/10/19	02/11/19	IT Applications	1
<b>Nov</b>	04/11/19	09/11/19	Revision	3
	11/11/19	16/11/19	Revision	-
	18/11/19	23/11/19	Revision	-
	25/11/19	30/12/19	Revision	-
<b>Dec</b>	02/12/19	07/12/19	Pre – Board Examination - 1	-
	09/12/19	14/12/19	Revision	-
	16/12/19	21/12/19	Revision	-
	23/12/19	28/12/19	Revision	-
<b>Jan</b>	31/12/19	04/01/20	Pre – Board Examination - 1	-
	06/01/20	11/01/20	Pre – Board Examination - 1	-
	13/01/20	18/01/20	Revision	-
	20/01/20	25/01/20	Revision	-

	27/01/20	01/02/20	Revision	-
<b>Feb</b>	03/02/20	08/02/20	Board Practical (tentative)	-
	10/02/20	15/02/20	Board Practical (tentative)	-
	17/02/20	22/02/20	Revision	-
	24/02/20	29/02/20	Revision	-
<b>March</b>	02/03/20	07/03/20	Board Examination 2019-20(tentative)	
	09/03/20	14/03/20	Board Examination 2019-20(tentative)	
	16/03/20	21/03/20	Board Examination 2019-20(tentative)	
	23/03/20	28/03/20	Board Examination 2019-20(tentative)	
	30/03/20	31/03/20	Board Examination 2019-20(tentative)	

Subject coordinator:

HOD: