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PREFACE

The syllabus for Class XII has been compiled in accordance with the curriculum set by CBSE and the guidelines provided by the CBSE from time to time.

The course aims to provide certain objectives which have been enlisted in the syllabus booklet.

The chapterwise allocation of marks has been provided for the students, list of help books / textbooks and other literature related to the specific subject has also been provided.

Students are advised to read their "NCERT" text books, first and along with it refer to those added materials.

We hope that our work proves to be helpful to the students and to the faculty members.

GENERAL GUIDELINES FOR THE STUDENTS

1. Students should be present in the class at the start of the period and reach in time for all other activities and functions.
2. Attendance on the last day of school before vacation and first day of the school after vacations is absolutely essential.
3. Students are required to behave politely at all times and should not use indecent languages or, indulge in fights and quarrels with other children in the school. Any behaviour likely to cause hurt to others in the matter of language, religion or community is strictly prohibited.
4. Children should refrain themselves from the following activities :
Spitting in or near the school building, disfiguring or otherwise damaging the school property, smoking any form of gambling use of drugs, intoxicants, rowdyism and rude behaviour, use of violence in any form and casteism and communalism.
5. No students should scratch or damage the school property or write or draw on the walls or cause damage in any way to any item belonging to the school or to others in the school. Any damage done will render the students liable for recovery of damages.
6. In the absence of the teacher from the classroom students are required to observe silence and obey the monitor of the class.
7. Every student should have his/her own textbook, stationery and other material required for studies, Articles should not be exchanged, nor should money borrowed or lent.
8. A student who uses unfair means in the examination will render himself/herself liable to such punishment as is considered necessary by the Principal/Co-ordinator.
9. The general behaviour of students should be good not only within in the school but also outside. Any reported objectionable conduct within or outside the school will make the student liable for disciplinary action.
10. Student found possessing or, reading any books or magazine of indecent nature are liable for disciplinary action.
11. Every student should take care of his/her personal belongings, School authorities will not be responsible for loss of such belongings.
12. It is the duty of all students to keep their classrooms and other places in and around the school clean and in order. All waste paper and other discardable materials should be thrown in the dustbin.
13. No student is allowed to write on the black board unless asked to do so by the teacher.
14. Before leaving the class room at the end of the day they should arrange the desks and chairs in proper order, put off the lights and fans, close the windows, throw the waste and unwanted materials into the dustbin and then leave the class room.
15. A student should come to the school in proper uniform which should be properly washed & ironed.
16. A student should greet/wish everybody with a pleasant smile.
17. Violation of the rules and regulations of the school and the code of conduct will render the concerned student liable to punishment including removal from the rolls of the school.
18. The PSA grades will be reflected in the statement of marks issued by the board in class XII. In case a student is unable to qualify the PSA in class XI, then he/she will be required to appear for the same in the month of January. The students will also get an option to improve their PSA score in class XII.
19. Regular attendance is very important and the students have to meet the criteria as given by CBSE.

UNIT WISE DISTRIBUTION OF THE SYLLABUS (2015-16)

Units	Dates		No. of Days
	From	To	
Unit 1	26-02-15	05-03-15	06
Unit 2	09-03-15	21-03-15	11
Unit 3	23-03-15	10-04-15	14
Unit 4	13-04-15	24-04-15	11
Unit 5	27-04-15	15-05-15	15
Unit 6	18-05-15	29-05-15	10 (Block Teaching)
Summer Vacation : 30-05-2015 - 30-06-2015			
Unit 7	01-07-15	10-07-15	09
Unit 8 & Revision	13-07-15	31-07-15	15
Mid Term Exams :	01-08-2015 - 14-08-2015		
Unit 9	17-08-15	28-08-15	10
Unit 10	31-08-15	19-09-15	10
Unit 11	21-09-15	03-10-15	09 (Block Teaching)
Unit 12	05-10-15	31-10-15	16 (Including Autumn Break)
Autumn Break :	20-10-2015 - 24-10-2015		
Completion of Syllabus 31-10-2015			
Winter Break :	01-01-2016 - 10-01-2016		

EXAMINATION SCHEDULE

Assessment	Dates	
	From	To
CBSE UT 1	01-05-2015	08-05-2015
Mid Term Exam	01-08-2015	14-08-2015
CBSE UT 2	05-10-2015	12-10-2015
Mock Test-I	21-11-2015	04-12-2015
Mock Test-II	19-12-2015	31-12-2015
Pre-Board	12-01-2016	22-01-2016

PRACTICALS

Round I	29-07-2015	31-07-2015
Round II	05-12-2015	08-12-2015

Revision Schedule

Revision for Mock Test-I	03-11-2015	20-11-2015
Revision for Mock Test-II	05-12-2015	18-12-2015

Final : To be announced by CBSE

Farewell for Class XII : 25-01-2016

Blessing Ceremony : (To be announced later)

ENGLISH

Unit 1	26-02-2015 to 05-03-2015 (06)
Content	: Revision-Letter to the Editor, Application, Notice, Advertisement, Comprehension Skill, Note making, Reading)
Unit 2	09-03-2015 to 21-03-2015 (11)
Content	: Novel : A brief introduction, Articles and Speech
Unit 3	23-03-2015 to 10-04-2015 (14)
Content	: Flamingo : Last Lesson, My Mother at sixty-six
Unit 4	13-04-2015 to 24-04-2015 (11)
Content	: Tiger King, Aunt Jenn. Tigers, An Elementary School, Reading Skill
Unit 5	27-04-2015 to 15-05-2015 (15)
Content	: Enemy, Lost Spring, Keeping Quiet
Unit 6	18-05-2015 to 29-05-2015 (10)
Content	: Evans tries 'o' level, A thing of Beauty, Writing Skill
Unit 7	01-07-2015 to 10-07-2015 (09)
Content	: Deep Water, and Novel (Ch-1-5), Writing Skill
Unit 8 & Rev.	13-07-2015 to 31-07-2015 (15)
Content	: Novel(5-8), Indigo, Writing Skill Revision of tough chapters
Unit 9	17-08-2015 to 28-08-2015 (10)
Content	: The Rattrap, Should Wizard hit Mommy, Writing Skill
Unit 10	31-08-2015 to 19-09-2015 (10)
Content	Memories of Childhood, Novel (9-5) Writing Skill
Unit 11	21-09-2015 to 03-10-2015 (09)
Content	: On the face of It, Novel (Till the End)

Unit 12 **05-10-2015 to 31-10-2015 (16)**
 Content : Going Place, Novel (Revision), Writing Skill

REVISION SCHEDULE FOR :**Mock Test-I** 03-11-2015 to 20-11-2015**Mock Test-II** 05-12-2015 to 18-12-2015**EXAMINATION SCHEDULE :****CBSE UT1** 01-05-2015 to 08-05-2015

Up to Unit 4

Mid Term 01-08-2015 to 14-08-2015

Up to Unit 8

CBSE UT 2 05-10-2015 to 12-10-2015

Unit 9 and 10

Mock Test-I 21-11-2015 to 04-12-2015

Flam. and Novel (1-14)

Mock Test-II 19-12-2015 to 31-12-2015

Vist. and Novel(15 to end)

Pre-Board 12-01-2016 to 22-01-2016

Entire Syllabus

PRACTICALS :**Round I** 29-07-2015 to 31-07-2015**Round II** 05-12-2015 to 08-12-2015

MATHEMATICS

Prescribed Book : NCERT**Reference Books** : R.D. Sharma, Exemplar Maths by NCERT

The syllabus in the subject of Mathematics has undergone changes from time to time in accordance with growth of the subject and emerging needs of the society. Senior Secondary stage is a launching stage from where the students go either for higher academic education in Mathematics or for professional courses like engineering, physical and Bioscience, commerce computer application.

The present revised syllabus has been designed in accordance with National Curriculum frame work 2005 and as per guidelines given in Focus Group on Teaching of Mathematics 2005 which is to meet the emerging need of all categories of students. Motivating the topics from real life situations and other subject areas, greater emphasis has been laid on application of various concepts.

Objectives : The broad objectives of teaching Mathematics at senior school stage intend to help the pupil :

- ❖ to acquire knowledge and critical understanding, particularly by way of motivation and visualization, of basic concepts, terms, principles, symbols and mastery of underlying.
- ❖ processes and skills.
- ❖ to feel the flow of reasons while proving a result or solving a problem.
- ❖ to apply the knowledge and skills acquire to solve problems and wherever possible, by more than one methods.
- ❖ to develop positive attitude to think, analyze and articulate logically.
- ❖ to develop interest in the subject by participating in related competitions.
- ❖ to acquaint students with different aspects of mathematics as a discipline.
- ❖ to develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of sex biases.
- ❖ to develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics.

	PHYSICS	
<p>Unit 1 26-02-2015 to 05-03-2015 (06) Ch 2 Inverse Trigo</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11) Ch 5 Continuity and Differentiability</p> <p>Unit 3 23-03-2015 to 10-04-2015 (14) Ch 6 AOD</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11) Ch 12 LPP and Chap-3 Probability</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15) Revision</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10) Ch 3 & 4 Matrices & Determinants</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Ch 10 Vector</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15) Ch 11 3-D + Revision</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10) Ch 7 Integration</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10) Contd. Integration + Chap 8 AOI</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09) Ch 9 Differential Equations</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16) Ch 1 Relations & Functions</p> <p>EXAMINATION SCHEDULE :</p> <p>CBSE UT1 01-05-2015 to 08-05-2015 Unit 1 to Unit 4</p> <p>Mid Term 01-08-2015 to 14-08-2015 Unit 1 to Unit 8</p> <p>CBSE UT 2 05-10-2015 to 12-10-2015 Unit 9 to 11</p> <p>Mock Test-I 21-11-2015 to 04-12-2015 Unit 7 to 13</p> <p>Mock Test-II 19-12-2015 to 31-12-2015 Unit 1 to 6</p> <p>Pre-Board 12-01-2016 to 22-01-2016 Unit 1 to 13</p>	<p>Senior Secondary stage of school education is a stage of transition from general education to discipline-based focus on curriculum. The present updated syllabus keeps in view the rigour and depth of disciplinary approach as well as the comprehension level of learners. Due care has also been taken that the syllabus is comparable to the international standard. Salient features of the syllabus include :</p> <ul style="list-style-type: none"> ❖ Emphasis on basic conceptual understanding of the content. ❖ Emphasis on use of SI unit, Symbols, nomenclature of physical quantities and formulations as per international standards. ❖ Providing logical sequencing of units of the subject matter and proper placement of concepts with their linkage for better learning. ❖ Reducing the curriculum load by eliminating overlapping of concepts content within the discipline and other disciplines. ❖ Promotion of process-skill, problem-solving abilities and application of Physics concepts. <p>Besides, the syllabus also attempts to :</p> <ul style="list-style-type: none"> ❖ strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject. ❖ expose the learners to different processes used in Physics-related industrial and technological applications. ❖ develop process-skill and experimental, observational, manipulative, decision making and investigatory skill in learners. ❖ promote problem solving abilities and creative thinking in learners. 	<p>❖ develop conceptual competence in the learners and make them realize and appreciate the interface of physics with other disciplines.</p> <p>Unit 1 26-02-2015 to 05-03-2015 (06) Topic : Ch-1 Electric charges and Field</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11) Topic : Ch-2 Electric Potential and Capacitance</p> <p>Unit 3 23-03-2015 to 10-04-2015 (14) Topic : Ch-3 Current Electricity</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11) Topic : Ch-4 Magnetic effect of current</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15) Topic : Ch-4 & 5 Magnetic effect of current and Magnetism in Matter</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10) Topic : Ch-6 & 7 Electromagnetic Induction and Alternating current</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Topic : Ch-8 Electromagnetic Wave</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15) Topic : Ch-9 Ray Optics + Revision</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10) Topic : Ch-10 Wave Optics + Revision</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10) Topic : Ch-11 & 12 Dual Nature of Matter and Atom</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09) Topic : Ch-13 Nuclei Ch-14 Semiconductor Electronics</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16) Topic : Ch-14 Semiconductor Electronics (contd) Ch-15 Communication System</p>

REVISION SCHEDULE :**Mock Test-I 03-11-2015 to 20-11-2015**

Chapter wise Revision pattern will be followed

Mock Test-II 05-12-2015 to 18-12-2015

Chapter wise Revision pattern will be followed

EXAMINATION SCHEDULE :**CBSE UT1 01-05-2015 to 08-05-2015****Mid Term 01-08-2015 to 14-08-2015****CBSE UT 2 05-10-2015 to 12-10-2015****Mock Test-I 21-11-2015 to 04-12-2015****Mock Test-II 19-12-2015 to 31-12-2015****Pre-Board 12-01-2016 to 22-01-2016****PRACTICALS :****Round I 29-07-2015 to 31-07-2015****Round II 05-12-2015 to 08-12-2015****CHEMISTRY****Prescribed Book : Modern ABC****Rationale :**

Higher Secondary is the most crucial stage of school education because at this juncture specialized discipline based, content-oriented courses are introduced. Students reach this stage after 10 year of general education and opt for Chemistry with a purpose of pursuing their career in basic sciences or professional courses like medicine, engineering, technology and study courses in applied areas of science and technology at tertiary level. Therefore, there is a need to provide learners with sufficient conceptual background of Chemistry, which will make them competent to meet the challenges of academic and professional courses after the senior secondary stage.

The new and update curriculum is based on disciplinary approach with rigour and depth taking

care that the syllabus is not heavy and at the same time it is comparable to the international level. The knowledge related to the subject of Chemistry has undergone tremendous changes during the past one decade. Many new areas like synthetic materials, bio-molecules, natural resources, Industrial chemistry are coming in a big way and deserve to be an integral part of chemistry syllabus at senior secondary stage. At international level new formulations and nomenclature of elements and compounds, symbols and unit of physical quantities floated by scientific bodies like IUPAC and CGPM are of immense importance and need to be incorporated in the updated syllabus. The revised syllabus takes care of all these aspects. Greater emphasis has been laid on use of new nomenclature, symbols and formulations, teaching of fundamental concepts, application of concepts in chemistry to industry / technology, logical sequencing of units, removal of obsolete content and repetition, etc.

Objectives :

The broad objectives of teaching Chemistry at Senior Secondary Stage are :

- ❖ to promote understanding of basic facts and concepts in chemistry while retaining the excitement of chemistry.
- ❖ to make students capable of studying chemistry in academic and professional courses (such as medicine, engineering, technology) at tertiary level.
- ❖ to expose the students to various emerging new areas of chemistry and apprise them with relevance in future studies and their application in various spheres of chemical sciences and technology.

- ❖ to equip students to face various challenges related to health, nutrition, environment, population, weather, industries and agriculture.
- ❖ to develop problem solving skills in students.
- ❖ to expose the students to different processes used in industries and their technological applications.
- ❖ to apprise students with interface of chemistry with other disciplines of science such as physics, biology, geology, engineering etc.
- ❖ to acquaint students with different aspects of chemistry used in daily life.
- ❖ to develop an interest in students to study chemistry as a discipline.

Unit 1 26-02-2015 to 05-03-2015 (06)

Ch 1 Solid State

Ch 2 Solution

Unit 2 09-03-2015 to 21-03-2015 (11)

Ch 3 Electrochemistry

Ch 4 Chemical Kinetics

Unit 3 23-03-2015 to 10-04-2015 (14)

Ch 5 Surface Chemistry

Unit 4 13-04-2015 to 24-04-2015 (11)

Ch 6 Coordinate Chemistry

Unit 5 27-04-2015 to 15-05-2015 (15)

Ch 7 Principle of Extraction

Ch 8 P-Block

Unit 6 18-05-2015 to 29-05-2015 (10)

Ch 9 D-Block

Unit 7 01-07-2015 to 10-07-2015 (09)

Ch 10 Halo-Alkanes and Halo-Arenes

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Ch 11 Alcohols, Phenols and Ethers

Ch 12 : Aldehydes, Ketones and Carboxylic Acids

Unit 9	17-08-2015 to 28-08-2015 (10)
Ch 12	: Aldehydes, Ketones and Carboxylic Acids
Unit 10	31-08-2015 to 19-09-2015 (10)
Ch 13	Amines
Unit 11	21-09-2015 to 03-10-2015 (09)
Ch 14	Polymers
Ch 15	Chemistry in everyday life
Unit 12	05-10-2015 to 31-10-2015 (16)
Ch 16	Biomolecules
Ch 16	Biomolecule Revision

REVISION SCHEDULE :**Mock Test-I 03-11-2015 to 20-11-2015**

Chapters vice revision pattern will be allowed

Mock Test-II 05-12-2015 to 18-12-2015

Chapters vice revision pattern will be allowed

EXAMINATION SCHEDULE :**CBSE UT1 01-05-2015 to 08-05-2015****Mid Term 01-08-2015 to 14-08-2015****CBSE UT 2 05-10-2015 to 12-10-2015****Mock Test-I 21-11-2015 to 04-12-2015****Mock Test-II 19-12-2015 to 31-12-2015****Pre-Board 12-01-2016 to 22-01-2016****PRACTICALS :****Round I 29-07-2015 to 31-07-2015****Round II 05-12-2015 to 08-12-2015****BIOLOGY****Prescribed Books :****Objectives :**

- ❖ promote understanding of basic principles of Biology
- ❖ encourage learning of emerging knowledge and its relevance to individual and society

- ❖ promote rational/scientific attitude to issues, related to population, environment and development
- ❖ enhance awareness about environmental issues, problems and their appropriate solutions
- ❖ create awareness amongst the learners about diversity in the living organisms and developing respect for other life forms
- ❖ appreciate that most complex biological phenomena are built on essentially simple processes

Unit 1 26-02-2015 to 05-03-2015 (06)

Ch 1 Reproduction in organisms

Ch 2 Sexual reproduction in Flowering plants

Unit 2 09-03-2015 to 21-03-2015 (11)

Ch 3 Human Reproduction

Ch 4 Reproduction Health

Unit 3 23-03-2015 to 10-04-2015 (14)

Ch 5 Principles of Inheritance and variation

Unit 4 13-04-2015 to 24-04-2015 (11)

Ch 6 Molecular Basis of Inheritance

Unit 5 27-04-2015 to 15-05-2015 (15)

Ch 6 Molecular basis of inheritance

Ch 7 Evolution

Unit 6 18-05-2015 to 29-05-2015 (10)

Ch 8 Human Health and Disease

Unit 7 01-07-2015 to 10-07-2015 (09)

Ch 9 Strategies for Enhancement in Food Production

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Ch 10 Microbes in Human Welfare + Revision

Ch 11 Biotechnology : Principles and Processes

Unit 9 17-08-2015 to 28-08-2015 (10)

Ch 12 Biotechnology and its Applications + Revision

Unit 10 31-08-2015 to 19-09-2015 (10)

Ch 13 Organism and populations

Unit 11 21-09-2015 to 03-10-2015 (09)

Ch 14 Ecosystem

Ch 15 Biodiversity and conservation

Unit 12 05-10-2015 to 31-10-2015 (16)

Ch 15 Biodiversity and conservation

Ch 16 Environmental Issues

REVISION SCHEDULE :**Mock Test-I 03-11-2015 to 20-11-2015**

Chapter vice revision pattern will be followed

Mock Test-II 05-12-2015 to 18-12-2015

Chapter vice revision pattern will be followed

EXAMINATION SCHEDULE :**CBSE UT1 01-05-2015 to 08-05-2015****Mid Term 01-08-2015 to 14-08-2015****CBSE UT 2 05-10-2015 to 12-10-2015****Mock Test-I 21-11-2015 to 04-12-2015****Mock Test-II 19-12-2015 to 31-12-2015****Pre-Board 12-01-2016 to 22-01-2016****PRACTICALS :****Round I 29-07-2015 to 31-07-2015****Round II 05-12-2015 to 08-12-2015****COMPUTER SCIENCE****Prescribed Book :**

Computer Science BY Sumita Arora

Reference Book :

Together with Computer Science

Learning Objectives : The Computer Science Curriculum is designed so that each student will

have demonstrated the following competencies upon graduating with a Bachelor of Science in Computer Science :

1. Ability to apply knowledge of computing and mathematics appropriate to the discipline.
2. Ability to analyze a problem and identify and define the computing requirements to solution.
3. Ability to design, implement and evaluate a computer - based system, process, component or program to meet desired needs.
4. Ability to function effectively on teams to accomplish a common goal.
5. Understanding of professional, ethical, security, and social issues and responsibilities.
6. Ability to communicate effectively with a range of audiences.
7. Ability to analyze the local and global impact of computer on individuals, organizations and society.
8. Recognition of the need for and having the ability to engage in continuing professional development.
9. Ability to use current techniques, skills, and tools necessary for computing practice.
10. Ability to apply mathematical foundational, arithmetical principles, and computer science theory in the modeling and design of computer based systems that demonstrates trade offs involved in design choices.
11. Ability to apply design and development principles in the construction of software systems of varying complexity.

Unit 1 26-02-2015 to 05-03-2015 (06)

Ch-1 Revision of C++

Unit 2 09-03-2015 to 21-03-2015 (11)

Ch-2 Object oriented Programming

Ch-3 Function Overloading

Unit 3 23-03-2015 to 10-04-2015 (14)

Ch-4 Classes and Objects

Unit 4 13-04-2015 to 24-04-2015 (11)

Ch-5 Constructor And Destructor

Unit 5 27-04-2015 to 15-05-2015 (15)

Ch-6 Inheritance

Unit 6 18-05-2015 to 29-05-2015 (10)

Ch-13 Boolean Algebra

Unit 7 01-07-2015 to 10-07-2015 (09)

Ch-7 Data File Handling

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Ch-8 Arrays

Unit 9 17-08-2015 to 28-08-2015 (10)

Ch-15 Networking

Unit 10 31-08-2015 to 19-09-2015 (10)

Ch-10 Stack and queues

Unit 11 21-09-2015 to 03-10-2015 (09)

(Block Teaching)

Ch-11 Databases

C -12 SQL

Unit 12 05-10-2015 to 31-10-2015 (16)

Ch-9 Pointers

REVISION SCHEDULE :

Mock Test-I 03-11-2015 to 20-11-2015

Mock Test-II 05-12-2015 to 18-12-2015

EXAMINATION SCHEDULE :

CBSE UT1 01-05-2015 to 08-05-2015

Ch 1,2,3

Mid Term exam 01/08/2015 to 14/08/2015

Ch 1-8-, 13

Mid Term 01-08-2015 to 14-08-2015

Ch 1- 7 , 13

Mock Test-II 19-12-2015 to 31-12-2015

Ch 8 - 12 , 14

Pre-Board 12-01-2016 to 22-01-2016

Entire Syllabus

PRACTICALS :

Round 1 29/07/2015 to 31/07/2015

Round 2 05/12/2015 to 08/12/2015

INFORMATICS PRACTICES

Prescribed Book : CBSE (IP)

Reference Book : Informatics Practices by Sumita Arora, Together with (IP)

Learning Objectives :

1. To understand the application development environment.
2. To gain programming Skills in GUI Programming Tool database creation in RDBMS.
3. To design, program and develop database application using GUI Programming Tool and RDBMS.
4. To learn database connectivity using Net beans as Front - end tool.
5. To develop ability to use the Open Source Technology.

Competencies :

1. Student will become familiar with application development.
2. Student will be able to develop & debug programs independently.
3. Student can use SQL for storing and retrieving data other database objects in RDBMS.
4. Ability to arrive at a normalized design of table and other database objects in RDBMS.
5. Student will be able to develop a Client Server Application using Front end Back end tools.

Unit 1 26-02-2015 to 05-03-2015 (06)

Ch 1 Computer Networking

Ch 2 Open Source

<p>Unit 2 09-03-2015 to 21-03-2015 (11) Ch 3 GUI Programming</p> <p>Unit 3 23-03-2015 to 10-04-2015 (14) Ch 4 Basics of Netbeans</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11) Ch 5 Programming Concepts</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15) Ch 5 Advanced Programming Concepts</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10) Ch 8 MYSQL Revision</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Ch 9 More on Database</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15) Ch 9 More on SQL</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10) Ch 10 Advanced RDBMS</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10) Ch 6 Data Connectivity</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09) (Block Teaching) Ch 7 Web Applications</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16) Ch 11 IT Application</p> <p>REVISION SCHEDULE : Mock Test-I 03-11-2015 to 20-11-2015 Mock Test-II 05-12-2015 to 18-12-2015</p> <p>EXAMINATION SCHEDULE : CBSE UT1 01-05-2015 to 08-05-2015 Ch 1, 2, 3, 4, 5 Mid Term 01-08-2015 to 14-08-2015 Ch 1, 5, 8, 9, Mock Test-I 21-11-2015 to 04-12-2015 Mock Test-II 19-12-2015 to 31-12-2015 Pre-Board 12-01-2016 to 22-01-2016 Entire Syllabus</p> <p>PRACTICALS : Round I 29-07-2015 to 31-07-2015 Round II 05-12-2015 to 08-12-2015</p>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">DRAWING & PAINTING</div> <p>Prescribed Book : Panoramic Indian Painting (by R.C. Luthera & C.K. Luthera)</p> <p>Learning objectives : Fine Arts is something which cannot be taught. It can be learnt by doing. Objectives of Art are to develop the creativity in child. They can also learn the best use of waste material to make something new. It develops creative ability in the child and to make them independent in creating their own style and skills.</p> <p>Unit 1 26-02-2015 to 05-03-2015 (06) Practical : Model with pencil drawing (two or three) object and Drapery</p> <p>Theory : Short notes on art, What is Art, parts of painting modern Art, Miniature painting, Graphic Art commercial art & sculpture. 1) short notes on Miniature painting of Rajasthan 2) Centre of development of Rajasthan Art.</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11) Practical : Composition on any subject (Railway station) Sketch with pencil draw more than three figures.</p> <p>Theory : Main features of Rajasthan origin and development of Mewar, Bundi & Bikaner. 1. Rajasthan school origin 2. development of school of Jodhpur, Kishan Garg and Jaipur.</p>	<p>Unit 3 23-03-2015 to 10-04-2015 (14) Practical : Start new model with pencil Drawing.</p> <p>Theory : Short notes on Rajasthani painting and Artist of (16th Cent AD to 19th Cent AD) Origin & development of 17th cent AD to 18th cent AD of Pahari school.</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11) Practical : Composition on any subject (Rainy day or flood) sketch with pencil draw more than three figures</p> <p>Theory : Short notes on Pahari school Basohli & Kangra. Mughal School of Miniature painting 16th cent AD to 19th AD. Its features painting during Akbar & Jahangir period.</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15) Practical : Model start with pencil (two or three object with Drapery.</p> <p>Theory : Mughal period Jahangir & Aurangzeb period period painting. Study of Seven plates (Painting of Mughal period & Artist)</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10) Practical : Composition with pencil sketch (on any subject) festival</p> <p>Theory : Study of Deccan school of miniature painting 16th cent AD to 19th Cent AD</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Practical : New model start with pencil .</p> <p>Theory : Short notes on Vijay Nagar, Behamani, Bijapur & Gol Konda</p>
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<p>Complete the Deccan period.</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)</p> <p>Practical : Figure sketching</p> <p>Theory : New Era in Indian art - An Introduction.</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10)</p> <p>Practical : Composition with pencil sketch (on any subject)</p> <p>Theory : Study of contemporary Indian art</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10)</p> <p>Practical : Model start with pencil (two or three object with Drapery)</p> <p>Theory : Study of graphic prints</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09)</p> <p>Practical : Composition with pencil sketch (on any subject)</p> <p>Theory : Study of the sculpture</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16)</p> <p>Practical : Model start with pencil (two or three object with Drapery)</p> <p>Theory : Revision</p> <p>Unit 13 03-11-2015 to 20-11-2015</p> <p>Practical : Composition with pencil sketch (on any subject)</p> <p>Theory : Revision</p> <p>Unit 14 : 05-11-2012 to 08-12-2015</p> <p>Practical : Model start with pencil (two or three object with Drapery)</p> <p>Theory : Revision</p>	<p>Map of Contemporary World.</p> <ol style="list-style-type: none"> 2. Familiarise the students with some of key political events and processes in the post cold ever era. 3. Equip students to be concious of the way in which global events shape our everyday life. 4. Strengthen their capacity for political analysis by thinking of contemporary developments in a historical perspective. <p>Book -2 Politics in India after independence :</p> <ol style="list-style-type: none"> 1. Enable students to be familiar with the key political events and figures in the post independence period. 2. Develop skill of political analysis through events and processes of recent history. 3. Develop their capacity to link micro processes with micro situations and their own life. 4. Encourage the students to take a historical perspective of making sense of Contemporary India. <p>Unit 1 26-02-2015 to 05-03-2015 (06)</p> <p>Topic Cold war, Bio Polarity</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11)</p> <p>Topic U. S. Hegemony</p> <p>Unit 3 23-03-2015 to 10-04-2015 (14)</p> <p>Topic Alternative Centers of Power</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11)</p> <p>Topic South Asia</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15)</p> <p>Topic U. N. Environment & Natural Resources</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10)</p> <p>Topic Security & Globalisation</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09)</p> <p>Topic Nation building, one party dominance.</p>	<p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)</p> <p>Topic Politics of planned development.</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10)</p> <p>Topic External relation, challenges to congress system</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10)</p> <p>Topic Crisis of constitutional order Rise of popular movements</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09)</p> <p>Topic Regional Aspiration Recent developments</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16)</p> <p>REVISION SCHEDULE :</p> <p>Mock Test-I 03-11-2015 to 20-11-2015 Revision of complete book 2</p> <p>Mock Test-II 05-12-2015 to 18-12-2015 Revision of complete book 1</p> <p>EXAMINATION SCHEDULE :</p> <p>Mid Term 01-08-2015 to 14-08-2015 Book1 contemporey world politics</p> <p>Mock Test-I 21-11-2015 to 04-12-2015 Book 2 complete</p> <p>Mock Test-II 19-12-2015 to 31-12-2015 Book 1</p> <p>Pre-Board 12-01-2016 to 22-01-2016 Entire Syllabus</p> <p>Revision for MT-2 03-12-14 to 11-12-14 Revision of complete book 'Politics in India after independence'</p> <p>Revision for Pre-Board 29-12-14 to 07-01-15 Complete book</p>
<p style="text-align: center;">POLITICAL SCIENCE</p> <p>Book-1 : Contemporary World Politics :</p> <p>Learning objectives :</p> <ol style="list-style-type: none"> 1. Enable the students to expand their horizon beyond India and make sense of the Political 		<p style="text-align: center;">BUSINESS STUDIES</p> <p>Reference Book :</p> <ol style="list-style-type: none"> 1. Business Studies by R.K. Singla

2. Business Studies by G.S. Alag
3. Business Studies by Subhash Dey
4. Business Studies by S.K. Bhatia

Rationale :

Business studies is introduced at + 2 stage of Senior Secondary Education. As formal Commerce education is provided after first ten years of schooling, it becomes necessary that instructions in this subject is given in such a manner that students have a good understanding of the principles and practices in business.

Business is a dynamic process that brings together technology, natural resources and human initiative in a constantly changing global environment. To understand the framework in which a business operates, a detailed study of the organisation and management of business processes and its interaction with the environment is required.

The course in Business Studies will prepare students to analyse, manage, evaluate and respond to changes which affect business. It provides a way of looking at and interacting with the business environment. It recognizes the fact that business influences and is influenced by social, political, legal and economic forces. Therefore, to acquire basic knowledge of the business world, a course in Business studies would be useful. It also informs students of a range of study and work options and bridges the gap between school and work.

Objectives :

- ❖ To develop students with an understanding of the processes of business and its environment
- ❖ To acquaint students with the dynamic nature and inter - dependent aspects of business

- ❖ To familiarize students with theoretical foundations of the process of organizing and managing the operations of a business firm
- ❖ To help students appreciate the economic and social significance of business activity and the social cost and benefits arising there from
- ❖ To acquaint students with the practice of managing the operations and resources of business
- ❖ To develop in students a business attitude and skills.
- ❖ To inculcate appropriate attitude and develop skill among students to pursue higher education.

Unit 1 26-02-2015 to 05-03-2015 (06)

Topic : Marketing Management

Unit 2 09-03-2015 to 21-03-2015 (11)

Topic : Marketing Management

Unit 3 23-03-2015 to 10-04-2015 (14)

Topic : Marketing Management &
Consumer Protection

Unit 4 13-04-2015 to 24-04-2015 (11)

Topic : Financial Management

Unit 5 27-04-2015 to 15-05-2015 (15)

Topic : Financial Management

Unit 6 18-05-2015 to 29-05-2015 (10)

Topic : Financial Market

Unit 7 01-07-2015 to 10-07-2015 (09)

Topic : Nature & significance of
Management

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Topic : Principles of Management/Project
work

Unit 9 17-08-2015 to 28-08-2015 (10)

Topic : Business Environment

Unit 10 31-08-2015 to 19-09-2015 (10)

Topic : Organising

Unit 11 21-09-2015 to 03-10-2015 (09)

Topic : Organising, Staffing

Unit 12 05-10-2015 to 31-10-2015 (16)

Topic : Staffing, Directing & Controlling

REVISION SCHEDULE :

Mock Test-I 03-11-2015 to 20-11-2015

Mock Test-II 05-12-2015 to 18-12-2015

EXAMINATION SCHEDULE :

CBSE UT1 01-05-2015 to 08-05-2015

Marketing Management, Consumer Protection,
Financial Management

Mid Term 01-08-2015 to 14-08-2015

Marketing Management, Consumer Protection,
Financial Management, Financial Market, Nature
& Sig of Management, Principles of
Management

CBSE UT 2 05-10-2015 to 12-10-2015

Planning, Organising, Business Environment

Mock Test-I 21-11-2015 to 04-12-2015

Book 1

Mock Test-II 19-12-2015 to 31-12-2015

Book 2

Pre-Board 12-01-2016 to 22-01-2016

Entire Syllabus

ACCOUNTANCY

Reference Book :**Rationale :**

The course in Accountancy is introduced at + 2 stage of stage of Senior Secondary education, as formal commerce education is provided after ten years of schooling. With the fast changing economic scenario and business environment in a

state of continuous flux, elementary business education along with accountancy as the language of business and as a source of financial information has carved out a place for itself at the Senior Secondary stage. Its syllabus content should give students a firm foundation in basic accounting principles and methodology and also acquaint them with the changes taking place in the presentation and analysis of accounting information, keeping in view the development of accounting standards and use of computers.

Against this background, the course puts emphasis on developing basic understanding about the nature purpose of the accounting information and its use in the conduct of business operations. This would help to develop among students logical reasoning, careful analysis and considered judgement. Accounting as an information system aids in providing financial information.

In class XII, Accounting for Partnership Firms and Companies are to be taught as a compulsory part. Students will also be given an opportunity to understand further the Analysis of Financial Statements.

Objectives :

- ❖ To enable the students with accounting for reconstitution and dissolution of partnership firms;
- ❖ To enable the students to understand and analyse the financial statements; and
- ❖ To familiarize students with the fundamentals of computerized system of accounting.

Unit 1 26-02-2015 to 05-03-2015 (06)

Topic Accounting for Partnership firms-
fundamental

Unit 2 09-03-2015 to 21-03-2015 (11)

Topic Accounting for Partnership firms-
fundamental (Contd.)

Change in profit-sharing ratio
among the existing partners

Unit 3 23-03-2015 to 10-04-2015 (14)

Topic Admission of a partner

Unit 4 13-04-2015 to 24-04-2015 (11)

Topic Admission of a partner (Contd.)

Unit 5 27-04-2015 to 15-05-2015 (15)

Topic Retirement or death of a partner

Unit 6 18-05-2015 to 29-05-2015 (10)

Topic Dissolution of a Partnership firm

Unit 7 01-07-2015 to 10-07-2015 (09)

Topic Company Accounts - Issue of
shares

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Topic Issue of shares (Contd.)

Unit 9 17-08-2015 to 28-08-2015 (10)

Topic Issue of Debenture

Redemption of Debentures.

Financial statement of Companies

Unit 10 31-08-2015 to 19-09-2015 (10)

Topic Financial statement analysis

Tools for financial analysis

Comparative statements.

Common size statements

Accounting ratio (Contd.)

Unit 11 21-09-2015 to 03-10-2015 (09)

Topic Accounting ratio (Contd.)

Cash flow statement

Unit 12 05-10-2015 to 31-10-2015 (16)

Topic Cash flow statement (Contd.)

REVISION SCHEDULE :

Mock Test-I 03-11-2015 to 20-11-2015

Mock Test-II 05-12-2015 to 18-12-2015

EXAMINATION SCHEDULE :

CBSE UT1 01-05-2015 to 08-05-2015

1. Accounting for partnership firm fundamental
2. Change in profit & sharing ratio among the existing partners.
3. Admission of a partner

Mid Term 01-08-2015 to 14-08-2015

1. Accounting for partnership firm fundamental
2. Change in profit & sharing ratio among the existing partners.
3. Admission of a partner
4. Retirement or death of a partner
5. Dissolution of partnership firm
6. Issue of shares

CBSE UT 2 05-10-2015 to 12-10-2015

1. Retirement or death of a partner
2. Dissolution of partnership firm
3. Issue of shares

Mock Test-I 21-11-2015 to 04-12-2015

Partnership and Company

Mock Test-II 19-12-2015 to 31-12-2015

Company and analysis of financial statement

Pre-Board 12-01-2016 to 22-01-2016

Entire Syllabus

PRACTICALS

Round I 29-07-2015 to 31-07-2015

1. Accounting Ratio
2. Cash Flow statement

Round II 05-12-2015 to 08-12-2015

1. Accounting Ratio
2. Cash Flow statement

ECONOMICS

Prescribed Books :

Introductory Micro Economics (S.K. Aggarwal)

Project Book V.K. Publication (by Renu Nair)

Introductory Macro Economics (S.K. Aggarwal)

Rationale :

Economics is one of the social sciences, which has a great influence on every human being. As economic life and the economy go through changes, the need to ground education in children's own experience becomes essential. While doing so, it is imperative to provide them opportunities to acquire analytical skills to observe and understand the economic realities. At senior secondary stage, the learners are in a position to understand abstract ideas exercise the power of thinking and to develop their own perception. It is at this stage, the learners are exposed to the rigour of the discipline of economics in a systematic way.

The economics courses are introduced in such a way that in the initial stage, the learners are introduced to the economic realities that the nation is facing today along with some basic statistical tools to understand these broader economic realities. In the later stage, the learners are introduced to economics as a theory of abstraction. The economics courses also contain many projects and activities. These will provide opportunities for the learners to explore various economic issue both from their day-to-day life and also from issues, which are broader and invisible in nature. The academic skills that they learn in these courses would help to develop the projects and activities. The syllabus is also expected to provide opportunities to use information and communication technologies to facilitate their learning process.

OBJECTIVES :

1. Understanding of some basic economic concepts and development of economic reasoning which the learners can apply in

- their day to day life as citizens, workers and consumers.
2. Realisation of learners' role in nation building and sensitivity to the economic issues that the nation is facing today.
 3. Equipment with basic tools of economics and statistics to analyse economic issues. This is pertinent for even those who may not pursue this course beyond senior secondary stage.
 4. Development of understanding that there can be more than one views on any economic issue and necessary skills to argue logically with reasoning.

Unit 1 26-02-2015 to 05-03-2015 (06)

Topic : Micro Economics - Unit 1
Introduction Ch-1, 2, 3 & 4

Unit 2 09-03-2015 to 21-03-2015 (11)

Topic : Unit 2 Consumer behaviour and demand

Unit 3 23-03-2015 to 10-04-2015 (14)

Topic : Unit 3 Producer behaviour & supply

Unit 4 13-04-2015 to 24-04-2015 (11)

Topic : contd

Unit 5 27-04-2015 to 15-05-2015 (15)

Topic : Unit 4 Forms of market & price deter

Unit 6 18-05-2015 to 29-05-2015 (10)

Topic : Revision of Unit 1, 2, 3, 4

Unit 7 01-07-2015 to 10-07-2015 (09)

Topic : Macro Economics Unit 5 (National income and related aggregates)

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Topic : Revision of Unit 5

Unit 9 17-08-2015 to 28-08-2015 (10)

Topic : Unit 7 Determination of income & employment

Unit 10 31-08-2015 to 19-09-2015 (10)

Topic : Unit 6 & Unit 8
Money and banking, and Budget

Unit 11 21-09-2015 to 03-10-2015 (09)

Topic : Unit 9 BOP & Foreign exchange

Unit 12 05-10-2015 to 31-10-2015 (16)

Topic : Revision

REVISION SCHEDULE :

Mock Test-I 03-11-2015 to 20-11-2015

Mock Test-II 05-12-2015 to 18-12-2015

EXAMINATION SCHEDULE :

CBSE UT1 01-05-2015 to 08-05-2015

Unit 1 & Unit 2

Mid Term 01-08-2015 to 14-08-2015

Part 1 Micro Economics

Unit 1,2,3 & 4

CBSE UT 2 05-10-2015 to 12-10-2015

Unit 5 & Unit 6

Mock Test-I 21-11-2015 to 04-12-2015

Part 2 Macro Economics

Unit 5,6,7,8,8,9

Mock Test-II 19-12-2015 to 31-12-2015

Micro Economics 1,2,3,4

Pre-Board 12-01-2016 to 22-01-2016

PRACTICALS :

Round I 29-07-2015 to 31-07-2015

Round II 05-12-2015 to 08-12-2015

GEOGRAPHY

Text book : Fundamentals of Human Geography
India - People & Economy
Geography Practical

Rationale :

Geography is introduced as an elective subject at the senior secondary stage. After ten years of

general education, students branch out at the beginning of this stage and are exposed to the rigours of the discipline for the first time. Being an entry point for the higher education, students choose geography for pursuing their academic interest and, therefore, need a broader and deeper understanding of the subject. For others, geographical knowledge is useful in daily lives because it is a valuable medium for the education of young people. Its contribution lies in the content, cognitive processes, skills and values that geography promotes and thus helps the students explore, understand and evaluate the environmental and social dimensions of the world in a better manner. Since geography explores the relationship between people and their environment, it includes studies of physical and human environments and their interactions at different scales-local, state/ region, nation and the world. The fundamental principles responsible for the varieties in the distributional pattern of physical and human features and phenomena over the earth's surface need to be understood properly. Application of these principles would be taken up through selected case studies from the World and India. Thus, the physical and human environment of India and study of some issues from a geographical point of view will be covered in greater detail. Students will be exposed to different methods used in geographical investigations.

General Objectives :

The course in geography will help learners :

- ❖ Familiarise themselves with the terms, key concepts and principles of geography;
- ❖ Search for, recognize and understand the processes and patterns of the spatial

arrangement of the natural as well as human features and phenomena on the earth's surface;

- ❖ Understand and analyse the inter relationship between physical and human environments and their impact;
- ❖ Utilize geographical knowledge in understanding issues concerning the community such as environmental issues, socio-economic concerns, gender and become responsible and effective members of the community.

Specific Objectives :

The course in geography will help learners :

- ❖ Describe locations and correlate with Geographical Perspective.
- ❖ List/describe what students might see, hear, smell, at a place.
- ❖ List/describe ways a place is linked with other places.
- ❖ Compare conditions and connections with one place to another.
- ❖ Analyze/describe how conditions in one place can affect nearby places.
- ❖ Identify regions as places that are similar or connected.
- ❖ Describe and interpret the spatial pattern features on a thematic map.
- ❖ Apply geographical knowledge and methods of inquiry to new situations or problems at different levels-local, regional, national and global.
- ❖ Develop geographical skills, relating to collection, processing and analysis of spatial data/information and preparation of report including maps and graphs and use of computers wherever possible; and to be

sensitive to issues.

Methodology : Over the years the methodology of teaching has gone through sea changes. The conventional method of teaching is replaced by modern techniques of teaching. Internet has given a huge exposure to the teachers and the students as well. So the students have started participating in the discussing with zeal.

- ❖ Students will be exposed to different methods used in geographical investigations like field survey.
- ❖ Question-answer method will be used to achieve maximum participation of the students in discussion.
- ❖ The topics that need elaborate explanation will be explained through lecture method.
- ❖ Templates, flow charts, diagrams, illustrations and web clusters will be used to explain some topics.
- ❖ Educomp modules will be used.

Unit 1 26-02-2015 to 05-03-2015 (06)

Topic 1. Human Geography
2. The world Population, (Prac) 1. Data- It's source and Compilation

Unit 2 09-03-2015 to 21-03-2015 (11)

Topic 3. Population composition
4. Human development, (Prac)
Ch 1 to be continued

Unit 3 23-03-2015 to 10-04-2015 (14)

Topic 5. Primary Activities
6. Secondary Activities, (Prac)
2. Data Processing

Unit 4 13-04-2015 to 24-04-2015 (11)

Topic 7. Tertiary and quaternary activities,
8. Transportation and Communication, (Prac) 5. Field Survey

<p>Unit 5 27-04-2015 to 15-05-2015 (15) Topic 9. International Trade 10. Human Settlements, (Prac) Ch 5 to be continued</p>	<p>EXAMINATION SCHEDULE : CBSE UT1 01-05-2015 to 08-05-2015 Topic 1. Human Geography, 2. The World Population, 3. Population Composition, 4. Human Development</p> <p>Mid Term 01-08-2015 to 14-08-2015 Ch 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 of Book 1</p> <p>CBSE UT 2 05-10-2015 to 12-10-2015 Ch 1, 2, 3, 4 & 5 of Book-2</p> <p>Mock Test-I 21-11-2015 to 04-12-2015 Book 2</p> <p>Mock Test-II 19-12-2015 to 31-12-2015 Book 1</p> <p>Pre-Board 12-01-2016 to 22-01-2016 Entire Syllabus</p> <p>PRACTICALS</p> <p>Round I 29-07-2015 to 31-07-2015 Ch 1, 2 and 3</p> <p>Round II 05-12-2015 to 08-12-2015 Entire Syllabus</p> <div style="border: 1px solid black; text-align: center; padding: 5px; width: fit-content; margin: 10px auto;">HOME SCIENCE</div> <p>Prescribed Book : Textbook of Home Science Publisher : Saraswati Publisher Reference Book : Home Science Class XII (by Arya Publishers) General Objectives :</p> <ul style="list-style-type: none"> ❖ Home Science as a discipline aims to empower the learner developing under standing of four different areas : <ul style="list-style-type: none"> • Food and Nutrition • Human Development • Community Resource Management • Fabric and Apparel Science ❖ To understand changing needs of society. ❖ To develop professional skills (e.g. culinary skills). 	<p>skills).</p> <ul style="list-style-type: none"> ❖ To make them competent to meet challenges of life. <p>Specific Objectives :</p> <ul style="list-style-type: none"> ❖ Acquaint learners with the basics of human development with specific reference to adolescents. ❖ To enable learners to became alert and aware consumers. ❖ To inculcate healthy food habits and knowledge of nutrition. ❖ To develop understanding of textiles for selection and care of clothes. ❖ To develop skills of communication to assist in advocacy and dissemination of knowledge to community.) <p>Unit 1 26-02-2015 to 05-03-2015 (06) Topic Ch 1 &2</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11) Topic Ch 3 & 4</p> <p>Unit 3 23-03-2015 to 10-04-2015 (14) Topic Ch 5,6,7</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11) Topic Ch 8,9</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15) Topic Ch 10,11,12</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10) Topic Ch 13,14</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Topic Ch 15 & 16</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15) Topic Ch 17,18 & 19</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10) Topic Ch 20,21</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10) Topic Ch 22,23</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09) (Block Teaching)</p>
<p>Unit 6 18-05-2015 to 29-05-2015 (10) Topic 1. Population, (Prac) 3. Graphical Representation of Data</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09) Topic 2. Migration 3. Human Development, (Prac) 3. Graphical Representation of Data</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15) Topic 4. Human Settlement 5. Land, Resources and Agriculture, (Prac) Ch 3 to be continued</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10) Topic 6. Water Resources, 7. Mineral and Energy Resources, (Prac) 4. Use of computer in data processing and Mapping</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10) Topic 8. Manufacturing industries, 9. Planning and sustainable development in Indian Context</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09) Topic 10. Transport and communication, Ch 4 to be continued (Prac)</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16) Topic 11. International Trade, 12. Geographical Perspective on Selected Issues and Problems</p> <p>REVISION SCHEDULE : Mock Test-I 03-11-2015 to 20-11-2015 Book 2</p> <p>Mock Test-II 05-12-2015 to 18-12-2015 Book 1</p>		

<p>Topic Ch 24 and revision of Unit-Adolescents</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16)</p> <p>Topic Revision Unit-3,4 & 5</p> <p>REVISION SCHEDULE :</p> <p>Mock Test-I 03-11-2015 to 20-11-2015</p> <p>Unit-2 Food & Nutrition</p> <p>Unit-3 Money Management</p> <p>Revision</p> <p>Mock Test-II 05-12-2015 to 18-12-2015</p> <p>Unit-4 Apparel Design</p> <p>Unit-5 Community development</p> <p>Revision</p> <p>EXAMINATION SCHEDULE :</p> <p>CBSE UT1 01-05-2015 to 08-05-2015</p> <p>Ch 1 to 5</p> <p>Mid Term 01-08-2015 to 14-08-2015</p> <p>Ch 1 to 10</p> <p>Mock Test-I 21-11-2015 to 04-12-2015</p> <p>Unit 1 & 2</p> <p>Mock Test-II 19-12-2015 to 31-12-2015</p> <p>Unit 3, 4 & 5</p> <p>Pre-Board 12-01-2016 to 22-01-2016</p> <p>Entire Syllabus</p> <p>PRACTICALS :</p> <p>Round I 29-07-2015 to 31-07-2015</p> <p>Unit 1 & 2</p> <p>Round II 05-12-2015 to 08-12-2015</p> <p>Unit 3,4 & 5</p>	<p>intelligence and ways to measure it will also be taught.</p> <ul style="list-style-type: none"> ❖ To help students understand the various facets of self and personality in the context of different approaches in an effort to appraise the person. The assessment of personality will also be discussed. ❖ Nature of stress and how responses to it depend upon an individual's appraisal of stressors would be discussed. Strategies to cope with stress will also be dealt with, along with concepts of health and wellbeing. ❖ To educate students on the concepts of normality and abnormality and the major psychological disorders. <ul style="list-style-type: none"> v To discuss the goals, techniques and effectiveness of different approaches to treat psychological disorders. v To acquaint the students with formation and change of attitudes, cultural influences on attributional tendencies and the concept of pro-social behaviour. v To understand the concept of groups and their types, reasons for their formation, and various dynamics of social influences-conformity, compliance and obedience. v To focus on the psuchological understanding to some important social issues. v To foster an understanding of an effective helper, and acquaint students with the counseling process and skills required to be an effective helper. <p>Unit 1 26-02-2015 to 05-03-2015 (06)</p> <p>Topic Variations in Psychological attributes</p> <p>Unit 2 09-03-2015 to 21-03-2015 (11)</p> <p>Topic Variations in Psychological</p>	<p>Unit 3 23-03-2015 to 10-04-2015 (14)</p> <p>Topic Self & Personality</p> <p>Unit 4 13-04-2015 to 24-04-2015 (11)</p> <p>Topic Self & Personality</p> <p>Unit 5 27-04-2015 to 15-05-2015 (15)</p> <p>Topic Psychological Disorder</p> <p>Unit 6 18-05-2015 to 29-05-2015 (10)</p> <p>Topic Therapeutic Approaches</p> <p>Unit 7 01-07-2015 to 10-07-2015 (09)</p> <p>Topic Meeting Life Challenges</p> <p>Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)</p> <p>Topic Developing Psychological Skills</p> <p>Unit 9 17-08-2015 to 28-08-2015 (10)</p> <p>Topic Attitude & Social Cognition</p> <p>Unit 10 31-08-2015 to 19-09-2015 (10)</p> <p>Topic Attitude & Social Cognition, Social Influence & Group Processes</p> <p>Unit 11 21-09-2015 to 03-10-2015 (09)</p> <p>Topic Social Influence & Group Processes</p> <p>Unit 12 05-10-2015 to 31-10-2015 (16)</p> <p>Topic Psychology & Life</p> <p>REVISION SCHEDULE :</p> <p>Mock Test-I 03-11-2015 to 20-11-2015</p> <p>Chapter 1-5</p> <p>Mock Test-II 05-12-2015 to 18-12-2015</p> <p>Chapter 6-9</p> <p>EXAMINATION SCHEDULE :</p> <p>CBSE UT1 01-05-2015 to 08-05-2015</p> <p>Variations in Psychological attributes, Self & Personality</p> <p>Mid Term 01-08-2015 to 14-08-2015</p> <p>Variations in Psychological attributes, Self & Personality Psychological Disorder, Therapeutic Approaches, Meeting Life Challenges</p> <p>Mock Test-I 21-11-2015 to 04-12-2015</p> <p>Chapter 1-5</p> <p>Mock Test-II 19-12-2015 to 31-12-2015</p> <p>Chapter 6-9</p>
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> PSYCHOLOGY </div>		
<p>Textbook : Psychology Textbook (By NCERT)</p> <p>OBJECTIVES :</p> <ul style="list-style-type: none"> ❖ To educate students on how people differ with respect to intelligence and other psychological variables. Cultural understanding of 		

Pre-Board 12-01-2016 to 22-01-2016

Chapter 1-9

MASS MEDIA STUDIES

OBJECTIVES :

- ❖ To understand the concept of a Mass Media of communication.
- ❖ To understand how the content of mass media shapes our thoughts, vision, ethics and action.
- ❖ Analysis of the ways in which content is created in media
- ❖ To understand the convergence of mass as the futuristic trend opening up more and more exciting career and creative opportunities.

Unit 1 26-02-2015 to 05-03-2015 (06)

Unit-1 Understanding the Language of the Medium

Ch-1 Media Literacy

Unit 2 09-03-2015 to 21-03-2015 (11)

Ch-2 Aspects of Film Language

Ch-3 Content Analysis of TV Programme

Unit 3 23-03-2015 to 10-04-2015 (14)

Ch-4 Content Analysis of Radio Programme

Unit 4 13-04-2015 to 24-04-2015 (11)

Ch-5 Content Analysis of Newspaper and Periodical

Ch-6 Features of the Internet, script Writing,

Unit 5 27/04/15 to 15/05/15 15

Unit 2 Evolution of the Media

Ch-1 Evolution of International Cinema

Unit 6 18-05-2015 to 29-05-2015 (10)

Ch-2 Evolution of International TV

Ch-3 Evolution of Print Media

Unit 7 01-07-2015 to 10-07-2015 (09)

Ch-3 Evolution of Radio

Ch-3 Evolution of Internet

Unit 8 & Rev. 13-07-2015 to 31-07-2015 (15)

Unit 3 Convergence of the Media

Ch-1 Independence and Inter convertibility of Media

Unit 9 17-08-2015 to 28-08-2015 (10)

Ch-2 Convergence and the New Possibility of Communication Earlier models of Communication

Unit 10 31-08-2015 to 19-09-2015 (10)

Unit 4 Selling/Marketing/Exhibiting a Product Through Advertising

Ch-1 Profile of a Product

Unit 11 21-09-2015 to 03-10-2015 (09)

Ch-2 The Task of Advertising

Ch-3 The Available Media

Unit 12 05-10-2015 to 31-10-2015 (16)

Unit 5 Graphic Design and Multimedia

Ch-1 Introduction to Multimedia

Ch-2 Text

Ch-3 Still Image

Ch-4 Video Application

Ch-5 Sound

Ch-6 Creating a Multimedia Project

EXAMINATION SCHEDULE :

CBSE UT1 01-05-2015 to 08-05-2015

Unit 1 : Ch-1, 2, 3, 4, 5, 6

Mid Term 01-08-2015 to 14-08-2015

Unit 1, 2

Mock Test-I 21-11-2015 to 04-12-2015

Unit 1, 3, 5

Mock Test-II 19-12-2015 to 31-12-2015

Unit 2,4,5

Pre-Board 12-01-2016 to 22-01-2016

Entire Syllabus