

SYLLABUS

2012-2013

CLASS : XII
(Commerce)



RUKMINI DEVI
PUBLIC SCHOOL

*Recog. by Directorate of Education, Govt. of NCT of Delhi
Aff. to C.B.S.E., Ministry of H.R.D., Govt. of India*

 **BRITISH COUNCIL** | International School Award
2010-2013

CD Block, Pitampura, Delhi-110034
Tel. : 27314235, 27313693 Fax : 27311473 e-mail : rdps@vsnl.com website : www.rdpschool.com

Our Vision : Excellence in Education

Our Mission : To strive for the strong foundation of young learners in the age group of 5+ to 17 years which facilitate them to become active participants in life long learning and earning by integrating both national and international dimensions in the curriculum supported by the state-of-the-art infrastructure.

Our Philosophy

"You are a Child of Immortality,

Your roots go deep to eternity,

Your reach is unto infinity."

" A child is not a vessel to be filled but a lamp to be lighted."

INDEX

Class : XII

Page No.

1	Introduction, Evaluation.....	1 - 2
2.	Examination Schedule.....	3
3.	English.....	4 - 5
4.	Mathematics.....	6 - 7
5.	Informatics Practices.....	8 - 11
6.	Physical Education.....	12 - 15
7.	Business Studies.....	16 - 17
8.	Accountancy.....	18 - 19
9.	Economics.....	20 - 21
10.	Political Science	22-23
11.	Biology	24-27
12.	Psychology	28-30
13.	Physical and Health Education.....	31
14.	General Studies.....	32
15.	Work Education	33-42
	(i) Textile Designing (ii) Applied Art (iii) Craft (iv) Electronic(v) Bharatnatyam Dance (vi) Dramatics (vii) Vocal Music (viii) Indian Instrumental (ix) Western Dance (x) Western Instrumental Music	
16.	Intra Class Activities.....	43
17.	Year Planner.....	44
18.	List of Holidays.....	45

RUKMINI DEVI PUBLIC SCHOOL
CLASS XII (COMMERCE)

CLASS XII

Introduction: This booklet contains the syllabus along with a tentative programme of activities, functions and the school almanac.

Evaluation System:

1. There would be a system of *Class Tests/ Cycle tests and other exams for each subject as per the prescribed syllabus and test schedule.

Terms						
Exam/Test	CT-1	June Test	CT-2	First Term Exam	CT-3	Pre -Board Exam
Marks	25	*	25	*	*	*

**Maximum Marks in First Term Exam, CT-3 and preboard exam will vary w.r.t. each subject*

- These test would aim at evaluating the understanding of the students and preparing them for their Board Exam.
- *CT-1, 2, & First Term Exam will include only the syllabus prescribed for that particular cycle/term while CT-3 Exam and Preboard Exam will include the entire syllabus.
- In case there happens to be a holiday on the day of a particular test, the test will be held on the next working day.
- It is compulsory for each student to appear in all the tests.
- Each student should have 75 % of attendance in each term to be eligible to appear in First Term and Pre Board Exam.
- Should a student fail to appear for a test/ exam (whatever grounds), he / she would have to pay Rs. 200/- per test and compulsorily appear in the retest/exam of the same. The amount would be deposited to the incharge before the retest

Note : Please see page 3 for Examination schedule.

2. The answer sheets of Class Test and other Exams having been checked by the teacher will be sent to the parents for their information and signature / acknowledgment.

- The answer sheets after being signed by the parents have to be sent to the concerned class teacher the very next day for verification
- Any retotalling / rechecking of answer sheets will not be entertained, once the student receives the answer copy and leaves the classroom.

3. Scheme of studies and their evaluation is as per CBSE Curriculum.

- The subjects in which marks have to be awarded include : English, Mathematics/ I.P./ Physical Education , Business Studies/Political Science, Accountancy/Psychology, Economics and Physical Education/Biology.
- The following compulsory internal assessment subjects/activities/qualities will be awarded grades as per the under mentioned grade key on the basis of continuous and comprehensive evaluation.
 - Physical & Health Education
 - General Studies
 - Work Education : The students has to opt for any one of the following options
 - (a) Textile Designing
 - (b) Applied Art
 - (c) Craft
 - (d) Electronics
 - (e) Bharatnatyam Dance
 - (f) Dramatics
 - (g) Vocal Music
 - (h) Indian Instrumental
 - (i) Western Dance (j) Western Instrumental Music
 - Personal & Social Qualities : Regularity, Punctuality, Cleanliness, Attitude towards teachers & schoolmates and Participation in School Programmes.

Grade Key

Grade	A	B	C	D	E
Remarks	Excellent	Very Good	Good	Fair	Unsatisfactory

Examination Schedule		2012-2013			Class-XII (Commerce)	
Test/Exam Subject	*CT-1	**June Test	*CT-2	**First Term Exam	**CT-3	**Pre-Board
English	23.04.12	20 th , June 2012 to 29 th , June 2012	23.07.12	17 th , September 2012 to 27 th , September 2012	19.11.12	3 rd , January 2013 to 19 th , January 2013
Mathematics /I.P./ Physical Education/Biology	30.04.12		30.07.12		26.11.12	
Business Studies/ Political Science	07.05.12		06.08.12		03.12.12	
Accountancy/ Psychology	14.05.12		13.08.12		10.12.12	
Economics	21.05.12		21.08.12		17.12.12	
<p>*MM. : 25, Duration : 45min. **MM. : Varies w.r.t. each subject, Duration : 3hrs.</p>						

Subject : English (Core Course)		Syllabus: 2012-2013		Class : XII
Prescribed Books : 1. Flamingo, Text book class XII (Core Course) NCERT 2. Vistas, Supplementary Reader in English class XII (Core Course) NCERT				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT-1 (25)	02.04.12 to 22.04.12	Book 1 : L1 : The last lesson, Poem- My Mother at Sixty Six Book 2 : L1 : The Third Level Writing Skills : Notice, Poster, Letter to Editor Reading Skills: Reading Comprehension, Note-Making & summary		23.04.12
CT-2 (25)	23.04.12 to 22.07.12	Book 1 : L2 : Lost-Spring Stories of Stolen Childhood, Poem-An Elementary School Classroom in a slum L3 : Deep Water L4 : The Rattrap, Poem- Keeping Quiet L5 : Indigo, Poem-A Thing of Beauty Book 2 : L2 : The Tiger King L3 : Journey to the End of the Earth Writing Skills : Article Writing		23.07.12
	23.07.12 to 16.09.12	Book 1 : L7 : The Interview, Poem- A Roadside Stand L8 : Going Places Book 2 : L4 : The Enemy L5 : Should Wizard Hit Mommy? L6 : On the face of it Writing Skills : Job-Application, Report Writing, Advertisements		

First Term Exam (100)	17.09.12 to 27.09.12	Syllabus covered from 02.04.12 to 16.09.12 + Assignment Provided	
CT-3 (100)	28.09.12 to 18.11.12	Book 1 : L6 : Poets and Pancakes Book 1 : Poem: Aunt Jennifer's Tigers Book 2 : L7: Evans Tries an O-Level L8: Memories of Childhood Writing Skills : Factual description, Business and Official letters, Invitations Debate and Speech + Revision of Entire Syllabus Note : Complete syllabus would be covered in CT-3	19.11.12
	19.11.12 to 02.01.13	Revision and Discussion of sample papers	
Pre-board	03.01.13 to 19.01.13	Complete syllabus covered during the session + Assignments provided	
	20.01.13 till Final Exam	Revision of entire syllabus + Sample Papers	
Reference Books : BBC students' Resource Book for class XII.			

Subject :Mathematics		Syllabus : 2012-2013		Class : XII
Prescribed Books : Mathematics - A Textbook for Class XII (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT - 1 (25)	02.04.12 to 29.04.12	Ch 1 : Relations and Functions Ch 3 : Matrices Ch 4 : Determinants		30.04.12
CT - 2 (25)	30.04.12 to 29.07.12	Ch 2 : Inverse Trigonometric Functions Ch 5 : Continuity and Differentiability Ch 6 : Application of Derivatives Ch 7 : Integrals (Ex 7.1 to Ex 7.7)		30.07.12
	30.07.12 to 16.09.12	Ch 7 : Integrals (Contd) (Ex 7.8 to Ex 7.11) Ch 8 : Application of Integrals Ch 9 : Differential Equations Ch 12 : Linear Programming + Revision		
First Term Exam (100)	17.09.12 to 27.09.12	Syllabus covered from 02.04.12 to 16.09.12 + Assignments Provided		
CT - 3 (100)	28.09.12 to 25.11.12	Ch 10 : Vectors Ch 11 : Three Dimensional Geometry Ch 13 : Probability + Revision Note : Complete Syllabus would be covered in CT3		26.11.12

	26.11.12 to 02.01.13	Revision of the entire syllabus + Sample papers
Pre Board (100)	03.01.13 to 19.01.13	Complete syllabus covered during the session + Assignments Provided
	20.01.13 till Final Exams	Revision of the entire syllabus + Sample Papers

Reference Books : Mathematics for Class XII : R. D. Sharma, R. S. Aggarwal

Subject : Informatics Practices (Theory)		Syllabus: 2012-2013		Class : XII
Prescribed Book : A Textbook of Informatics Practices for class XII published by CBSE				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT-1 (25)	02.04.12 to 29.04.12	Unit 1 : Networking and Open Standards : Computer Networking, Open Source Concepts Unit 2 : Programming : Review of Class XI.		30.04.12
CT-2 (25)	30.04.12 to 29.07.12	Unit 2 : Programming : Programming Fundamentals, Commonly used libraries functions, Accessing MySQL database using ODBC to connect with database.		30.07.12
	30.07.12 to 16.09.12	Unit 2 : Programming : Web application development- HTML, Introduction to XML Unit 3 : Relational Database Management System : Review of Class XI		
First Term Exam (70)	17.09.12 to 27.09.12	Syllabus covered from 02.04.12 to 16.09.12 +Assignments Provided		

CT-3 (70)	28.09.12 to 25.11.12	Unit 3 : Relational Database Management System : Database fundamentals, Grouping Records, Displaying tables from multiple tables, Creating tables with Constraints, Drop table Unit 4 : IT Applications : Front-end Interface, Back-end Database, Front-end and Database Connectivity	26.11.12
	26.11.12 to 02.01.13	Revision and Discussion of Sample Papers	
Pre Board (70)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.01.13 till Final Exam	Revision and Discussion of Sample Papers	
Reference Books : 1. William Stalling: Computer Networking with Internet Protocols and Technology, (PHI) 2. Herbert Schildt: Java - the complete reference, Tata Mc Graw Hill 3. Lerry Ulman: MySQL Database, Pearson Education			

Subject : Informatics Practices (Practicals)		Syllabus: 2012-2013	Class : XII
TEST/EXAM (M.M.)	DURATION	PARTICULARS	
	02.04.12 to 29.04.12	Programming in Java - Questions based on control structures of Java	
	30.04.12 to 29.07.12	Programming in Java - Questions based on database connectivity with MySQL <i>Project work allocation</i>	
	30.07.12 to 16.09.12	Programming in Java - Questions based on HTML and XML Relational Database Management System - Questions based on DML <i>Project work (contd.)</i>	
First Term Exam (30)	17.09.12 to 27.09.12	Syllabus covered from 02.04.12 to 16.09.12 + Assignments provided	

	28.09.12 to 25.11.12	Relational Database Management System - Questions based on DDL, Grouping Record, displaying data from multiple tables Project work completion and submission : 25.11.12 Note: Complete syllabus would be covered in CT-3
	26.11.12 to 02.01.13	Revision and Discussion of Sample Papers
Pre Board (30)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided
	20.01.13 till Final Exam	Revision
<p>Note : * Necessary guidelines related to the project work will be provided by the concerned teacher. ** Viva Voice questioned will be based on the topics covered in the syllabus.</p>		

Subject : Physical Education (Theory)		Syllabus : 2012-2013		Class : XII
Prescribed Books : Saraswati Health & Physical Education				
TEST/EXAM (M.M.)	DURATION	PARTICULARS	TEST DATE	
CT-1 (25)	02.04.12 to 29.04.12	Part A Unit-1 : Physical Fitness & Wellness Unit-2: Planning in Sports Part B Unit-1 - 1.1 : History of the Game/Sports 1.2 : Latest General Rules of the Game/Sports 1.3 : Specification of the play field	30.04.12	
CT-2 (25)	30.04.12 to 29.07.12	Part A Unit- 3: Sports Environment Unit-4: Postures Part B Unit -1 - 1.4: Important Tournaments and Venues 1.5: Sports Personalities 1.6 : Proper sports gear and its Importance Unit- 2 - 2.1: Fundamental skills of games/sports. 2.2: Related sports terminologies.	30.07.12	
	30.07.12 to 16.09.12	Part A Unit -5 : Yoga Unit-6 : Sports and Nutrition Part B Unit -2 : 2.3: Specific exercises of warm up & conditioning 2.4: Sports Awards 2.5 : Common sports injuries & its prevention		
First Term (70)	17.09.12 to 27.09.12	Syllabus Covered From 02.04.12 to 16.09.12 + Assignments provided		

CT-3 (70)	28.09.12 to 25.11.12	Part A Unit-7 : Training Methods Unit-8 : Psychological aspects of physical education Part B : Unit - 2 : 2.6: SGFI & its organisational set up & completion and submission of practical file Note : Complete syllabus would be covered in CT-3	26.11.12
	26.11.12 to 02.01.13	Revision and Discussion of sample papers	
Pre Board (70)	03.01.13 to 19.01.13	Complete Syllabus Covered during the session + Assignment provided	
	20.01.13 to Final Exam	Revision of entire syllabus + sample paper	
Reference Books : 1. Together with Physical Education by Ms.S. Saini 2. Physical Education & Health by Dr. A.K. Srivastava & N.K. Gaur			

Subject : Physical Education (Practical)		Syllabus : 2012-2013		Class : XII
Prescribed Books : Health & Physical Education				
TEST/EXAM (M.M.)	DURATION	Particulars		
	02.04.12 to 29.04.12	AAPHERED TEST i. Pull ups (for boys) flexed arm hang (for girls) ii. Flexed leg sit ups iii. 50 mt. yard dash iv. Standing broad jump v. 600 yard run/walk vi. Shuttle Run		
	30.04.12 to 29.07.12	Specific Exercises of warm up and conditoining for different game or sports YOGA Asanas : i. Corrective Asana, Meditative Asana and Relaxative Asanas ii. Suryanamaskar		
	30.07.12 to 16.09.12	GAME i. Fundamental skills of game of specialization. ii. Latest General Rules of the Game/Sports. iii. Specifications of Play Court or grounds.		
First Term Exam (30)	17.09.12 to 27.09.12	Syllabus Covered from 02.04.12 to 16.09.12 + Assignment provided		
	28.09.12 to 25.11.12	<ul style="list-style-type: none"> • BMI : Calculation of ten Students Sports Award • Sports Award • Arjun Award • Dronacharya Award • Rajiv Gandhi Khel Ratna Award 		

	26.11.12 to 02.01.13	<ul style="list-style-type: none"> Revision and Discussion of sample paper. Submission of Practical file
Pre Board Exam (30)	03.01.13 to 19.01.13	Complete syllabus covered during the session + Assignment provides
	20.01.13 to Final Exam	Guideline & Practical Exam:- i. Physical Fitness test 10 Marks ii. Skills of chosen sports / game 5 Marks iii. Any five asanas 5 Marks iv. Viva Voice 5 Marks v. Practical File 5 Marks
Reference Book: Together with Physical Education		

Subject : Business Studies		Syllabus: 2012-2013		Class : XII
Prescribed Books : Book 1 : Principles & Functions of Management (NCERT) Book 2 : Business Finance & Marketing (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT-1 (25)	02.04.12 to 06.05.12	Book 1 Ch 1 : Nature & Significance of Management Ch 2 : Principles of Management Ch 3 : Business Environment Ch 4 : Planning		07.05.12
CT-2 (25)	07.05.12 to 05.08.12	Book 1 Ch 4 : Planning (Contd.) Ch 5 : Organising Ch 6 : Staffing Ch 7 : Directing		06.08.12
	06.08.12 to 16.09.12	Book 1 Ch 8 : Controlling Book 2 Ch 9 : Financial Management Ch 10 : Financial Markets		
First Term Exam (90)	17.09.12 to 27.09.12	Syllabus Covered from 02.04.12 to 16.09.12 + Assignments Provided		

CT-3 (90)	28.09.12 to 02.12.12	Book 2 Ch 10 : Financial Markets (contd.) Ch 11 : Marketing Management Ch 12 : Consumer Protection Note : Complete Syllabus would be covered in CT-3	03.12.12
	03.12.12 to 02.01.13	Revision and Discussion of Sample Papers	
Pre-Board (90)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.01.13 till Final Exams	Revision of the entire syllabus + Sample Papers	
<p>Note: Project of 10 marks will be allocated by the concerned teacher along with necessary guidelines.</p> <p>Reference Books : 1. Business Studies, XII by Sandeep Garg (Dhanpat Rai Publications) 2. Self Tutor for Business Studies by Sultan Chand & Sons Publication. 3. Business Studies for class XII by V. Wason</p>			

Subject : Accountancy		Syllabus: 2012-2013		Class : XII
Prescribed Books : Book 1 : Partnership Accounts (NCERT) Book 2 : Company Accounts & Analysis of Financial statements (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS	TEST DATE	
CT-1 (25)	02.04.12 to 13.05.12	Book 1 Ch 1 : Accounting for Partnership : Basic concepts Ch 2 : Reconstitution of Partnership Firm : Admission of a Partner Ch 3 : Reconstitution of Partnership Firm : Retirement /Death of a Partner	14.05.12	
CT-2 (25)	14.05.12 to 12.08.12	Book 1 Ch 3 : Reconstitution of Partnership Firm : Retirement /Death of a Partner (contd.) Ch 4 : Dissolution of a Partnership Firm Book 2 Ch 1 : Accounting for Share Capital Ch 2 : Issue & Redemption of Debentures	13.08.12	
	13.08.12 to 16.09.12	Book 2 Ch 2 : Issue & Redemption of Debentures (contd.) Ch 3 : Financial Statements of a Company Ch 4 : Analysis of Financial Statements + Revision		
First Term Exam (80)	17.09.12 to 27.09.12	Syllabus Covered from 02.04.12 to 16.09.12 + Assignments Provided		

CT-3 (80)	28.09.12 to 09.12.12	Book 2 Ch 5 : Accounting Ratios Ch 6 : Cash Flow Statement + Revision Note : Complete Syllabus would be covered in CT-3	10.12.12
	10.12.12 to 02.01.13	Revision of the entire syllabus + Sample Papers	
Pre-Board (80)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.01.13 till Final Exam	Revision of the entire syllabus + Sample Papers	
<p>Note : Project of 20 marks will be allocated by the concerned teacher along with the necessary guidelines.</p> <p>- It comprises of solution for the following three types of problems : (1) Comprehensive Problem, (2) Specific Problem I - Related to ratio analysis (3) Specific Problem II - Related to Cash Flow Statement.</p> <p>- The Project work will be finally evaluated by the External Examiner on the basis of Project File (4 Marks), Viva (4 Marks) and Written Test (12 Marks with the duration of one hour)</p> <p>Reference Book : 1. Accountancy for Class XII by D.K. Goel, Rajesh Goel and Shelly Goel. 2. Accountancy for Class XII by T.S. Grewal. 3. Accountancy for class XII by P. C. Tulsian 4. Accountancy for class XII by V. Wason</p>			

Subject : Economics		Syllabus: 2012-2013		Class : XII
Prescribed Books : Book 1 : Introduction to Microeconomics (NCERT) Book 2 : Introduction to Macroeconomics (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS	TEST DATE	
CT-1 (25)	02.04.12 to 20.05.12	Book 1 Unit 1 : Introduction Unit 2 : Consumer Behaviour and Demand Unit 3 : Producer Behaviour and Supply	21.05.12	
CT-2 (25)	21.05.12 to 20.08.12	Book 1 Unit 4 : Forms of Market & Price Determination Book 2 Unit 1 : Introduction to Macro Economics Unit 2 : National Income & related aggregates - Concepts and Measurement	21.08.12	
	21.08.12 to 16.09.12	Book 2 Unit 3 : Determination of Income & Employment .		
First Term Exam (100)	17.09.12 to 27.09.12	Syllabus Covered from 02.04.12 to 16.09.12 + Assignments Provided		

CT-3 (100)	28.09.12 to 16.12.12	Book 2 Unit 3 : Determination of Income & Employment (contd.) Unit 4 : Money & Banking Unit 5 : Government Budget & the Economy Unit 6 : Balance of Payments : Meaning & Components Note : Complete Syllabus would be covered in CT-3	17.12.12
	17.12.12 to 02.01.13	Revision	
Pre-Board (100)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.01.13 till Final Exam	Revision of the entire syllabus + Sample Papers	
Reference Book : 1. Introductory Microeconomics, by Sandeep Garg 2. Introductory Macroeconomics, by Sandeep Garg			

Subject : Political Science		Syllabus: 2012-2013		Class : XII
Prescribed Books : Book 1 : Contemporary world politics, class XII, NCERT Book 2 : Politics in India Since Independence, Class XII, NCERT				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT-1 (25)	02.04.12 to 06.05.12	Unit 1 : Cold War Era Unit 2 : The End of Bipolarity Unit 10 : Challenges of Nation-Building Unit 11 : Era of One party dominance		07.05.12
CT-2 (25)	07.05.12 to 05.08.12	Unit 3 : US hegemony in world Politics Unit 4 : Alternative centers of power Unit 12 : Politics of planned Development Unit 13 : India's External Relations		06.08.12
	06.08.12 to 16.09.12	Unit 5 : Contemporary South Asia Unit 6 : International Organizations Unit 14 : Challenges to the Congress system Unit 15 : Crisis of the Democratic Order		
First Term Exam (100)	17.09.12 to 27.09.12	Syllabus covered from 02.4.12 to 16.09.12 + Assignments Provided		

CT-3 (100)	28.09.12 to 25.11.12	Unit 7 : Security in Contemporary world Unit 8 : Environment and Natural Resource Unit 16 : Rise of Popular Movement Unit 17 : Regional Aspirations	26.11.12
	26.11.12 to 02.01.13	Unit 9 : Globalisation Unit 18 : Recent Development in Indian Politics	
Pre Board Exam (100)	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.1.13 till Board Exam		
Reference Books: 1. Indian Government and Politics - J.C. Johari 2. Indian Government and Politics - A.S. Narang 3. Conflict : India and Pakistan - David Downing 4. History of the World -J.A.S. Grenville 5. International Politics - Mahendra Kumar			

Subject : Biology (Theory)		Syllabus : 2012-2013		Class : XII
Prescribed Books : Biology, A Textbook for class XII (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS	TEST DATE	
CT-1 (25)	02.04.12 to 29.04.12	Unit VI - Reproduction Ch-1 : Reproduction in organisms Ch-2 : Sexual Reproduction in Flowering Plants Ch-3 : Human Reproduction Ch-4 : Reproductive Health Unit VII - Genetics and Evolution Ch -5 : Principles of inheritance and Variation.	30.04.12	
CT-2 (25)	30.04.12 to 29.07.12	Unit VII - Genetics and Evolution (contd.) Ch-6 : Molecular Basis of inheritance Ch-7 : Evolution Unit VIII - Biology in Human welfare Ch-8 : Human Health and Diseases Ch-9 : Strategies for Enhancement in food production	30.07.12	
	30.07.12 to 16.09.12	Unit VIII - Biology in Human Welfare (Contd.) Ch-10 : Microbes in Human Welfare Unit IX - Biotechnology Ch-11 : Biotechnology : Principles and Processes Ch -12 : Biotechnology & its applications		

First Term Exam (70)	17.09.12 to 27.09.12	Syllabus covered from 02.04.12 to 16.09.12 + Assignment Provided	
CT-3 (70)	28.09.12 to 25.11.12	Unit X - Ecology Ch-13 : Organisms and Populations Ch-14 : Ecosystem Ch-15 : Bio-diversity and conservation Ch-16 : Environmental Issues	26.11.12
	26.11.12 to 02.01.13	Revision and Discussion of sample papers	
Pre-board (70)	03.01.13 till 19.01.13	Complete syllabus covered during the session + Assignments provided	
	20.01.13 till Final Exam	Revision of entire syllabus + Sample Papers	
Reference Books : i) A textbook of Biology by Pradeep publication. ii) Trumen's elementary Biology by K. N. Bhatia & M.P. Tyagi			

Subject : Biology (Practical)		Syllabus : 2012-2013	Class : XII
TEST/EXAM (M.M.)	DURATION	Particulars	
	02.04.12 to 29.04.12	<ol style="list-style-type: none"> Disect the given flower and display different whorls. Disect another and ovary to show number of chambers. Study Pollen germination on a slide. Prepare a temporary mount of onion root tip to study mitosis. Study of flowers adapted to pollination by different agencies (wind, Insect) Study of pollen germination on stigma through a permanent slide. Study & identify stages of gamete development i.e. T.S. Testis and T.S. Ovary through permanent slide. Study of T. S. Of blastula through permanent slide. <p>Allocation of Project</p>	
	30.04.12 to 29.07.12	<ol style="list-style-type: none"> Study Mendelian inheritance using seeds of different colour/size of any plant. Study prepared pedigree charts of genetic trails such as rolling of tougue, blood groups, widow's peak, colour blindness. To study the effect of the different pH on the activity of salivary amylase in starch. 	
	30.07.12 to 16.09.12	<ol style="list-style-type: none"> To identify common disease causing organisms like Ascaris, Entamoeba, plasmodium, Ringworm through permanent slide or specimen. 	
First Term Exam (30)	17.09.12 to 27.09.12	Practicals completed from 02.04.12 to 16.09.12	

	28.09.12 to 25.11.12	12. Exercise on controlled pollination-Emasculation, fogging and bagging. 13. Study two plants and two animals found in xeric conditions. 14. Study plants and animal found in aquatic conditions. 15. Study meiosis through Permanent slides. 16. Collect water from two different water bodies around you and study the samples for pH, clarity and Presence of any living organism. 17. Study the presence of suspended particulate matter in air at the two widely different sites. 18. Collect and study soil from at least two different sites and study these for texture, moisture content, pH and water holding capacity of soil. 19. Study of plant population density by quadrat method.
	26.11.12 to 02.01.13	Submission of file & final Project Report 17.12.12 Revision of Practical completed during the session.
	03.01.13 to 19.01.13	Revision of Practicals completed during the session
Final Exam 30	20.01.13 till Final Exam	Practicals completed during the session Practical (20) Project (5) Practical File (5)
Reference Book : Comprehensive Laboratory Manual in Biology		

Subject : Psychology (Theory)		Syllabus: 2012-2013		Class : XII
Prescribed Books : Book 1 : Psychology, Textbook for class XII (NCERT)				
TEST/EXAM (M.M.)	DURATION	PARTICULARS		TEST DATE
CT-1 25	02.04.12 to 13.05.12	Chapter 1 : Chapter 2 :	Variations in Psychological Attributes Self and Personality	14.05.12
CT-2 25	14.05.12 to 12.08.12	Chapter 3 : Chapter 4 :	Meeting Life Challenges Psychological Disorders	13.08.12
	13.08.12 to 16.09.12	Chapter 5 : Chapter 6 :	Therapeutic Approaches Attitude and Social Cognition	
First Term Exam 70	17.09.12 to 27.09.12	Syllabus covered from 02.4.2012 to 16.09.2012 + Assignments Provided		

CT-3 70	28.09.12 to 09.12.12	Chapter 7 : Social Influences and Group Processes Chapter 8 : Psychology and Life Chapter 9 : Developing Psychological Skills	10.12.12
	10.12.12 to 02.01.13	Revision of entire syllabus completed during the session + Sample Papers	
	03.01.13 to 19.01.13	Complete Syllabus covered during the session + Assignments Provided	
	20.01.13 till Final Exam	Revision of entire syllabus completed during the session + Sample Papers	
<p>Reference Books :</p> <ol style="list-style-type: none"> 1. Introduction to Psychology - Morgan and King 2. Multiple Intelligences (New Horizons) - Howard Gardner 3. Psychology concepts and connection - Spencer A Rathus 			

Subject : Psychology (Practical)		Syllabus : 2012-2013		Class : XII
PSYCHOLOGICAL TESTING PRACTICALS		PARTICULARS		
One Case Profile	The case profile will include developmental history of the subject, using both qualitative (observation, interview) and quantitative (Psychological testing) approaches.			
Two Practicals	Practicals would involve using standardised psychological assessment devices in different domains (eg. intelligence, personality, aptitude, adjustment, attitude, self-concept and anxiety).			
Evaluation	<p>Distribution of Marks:</p> <ol style="list-style-type: none"> 1. Practical File (5 Marks) 2. Case Profile (5 Marks) 3. Viva Voice (case profile & practical) (5 Marks) 4. Two Practicals (5 marks for accurate conduct and 10 marks for reporting) (15 Marks) 			

Subject : Physical & Health Education		Syllabus: 2012-2013	Class : XII
Month	PARTICULARS		
April - May	Introduction of Discus Throw Basic Skills of Discus Throw Dimension of Discus Throw General rules of Discus Throw Conditioning Work : Fart lek Training, Circuit Training		
July - Aug	Introduction of Shot Put Basic skill of Shot Put Dimension of Shot Put General rules of Shot Put Introduction of combined events and its rules & regulation		
Sep -Nov	Introduction of 400 mt. Hurdle Basic skill of 400 mt. Hurdle Dimension of Hurdle General rules of Hurdle Introduction of Long Jump Basic skill of Long Jump Dimension of Long Jump General rules of Long Jump		
Note : Grades will be sent to CBSE on the basis of students' performance.			

Subject : General Studies		Syllabus : 2012-2013	Class : XII
Month	Particulars		
April-May	Topic : Contemporary Problems & Indian Society <ul style="list-style-type: none"> • Removal of Poverty • Eradication of Superstitions • Social Inequalities • Removal of Literacy • Population Education • Planning process in India 		
July-Aug	Topic : Contemporary Problems & Indian Society <ul style="list-style-type: none"> • Meaning of Culture • Evolution of Indian Culture • Features of "Indianness" 		
Sep - Nov	Topic : Contemporary Problems & Indian Society <ul style="list-style-type: none"> • Historical Perspective • Declaration of Human Rights • Human Rights as a means of Harmonious World Order 		
Note : Grades will be sent to CBSE on the basis of students' performance.			

Subject : Work Education (Applied Art)		Syllabus : 2012-2013		Class : XII
Month	Particulars			
	Theory	Practical		
April - May	<ul style="list-style-type: none"> • Story Board : role and importance • Poster : its role - Importance in field of advertising 	<ul style="list-style-type: none"> • To design a magazine Ad in 4 colors. • To make poster on famous T.V. channel. • prepare a creative packaging design . • Design making. 		
July - August	<ul style="list-style-type: none"> • Introduction of 2d animation and role of illustration • Importance of text and fonts. 	<ul style="list-style-type: none"> • To design a poster / prepare a portrait • Sketch various human forms • Illustration on the given topics. 		
Sept - November	<ul style="list-style-type: none"> • Design: Its role and basic principles 	<ul style="list-style-type: none"> • Design a winter sale ad (Press) on computer 		
Evaluation	Submission of record files or project work.			
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Textile Designing)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory	Practical		
April - May	<ul style="list-style-type: none"> • Knowledge about various dyes and their dyeing process • Introduction to concept of Design in Tie and Die • Knowledge of Making Block Printing Colour 	<ul style="list-style-type: none"> • To Tie and Dye a Dupatta / Table Cloth • To Print a Bed Sheet (Single Bed) 		
July - August	<ul style="list-style-type: none"> • Knowledge of shading with Fabric Colours • Element of Design in Fabric Painting 	<ul style="list-style-type: none"> • To Print a Short Kurta / Suit / Saree • Revision 		
Sept - November	<ul style="list-style-type: none"> • Knowledge of Painting in Acrylic / oil colours • Revision 	<ul style="list-style-type: none"> • To paint an abstract/semi abstract painting • Revision 		
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Craft)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> • Creative pottery & its history • P.O.P mask making 	<ul style="list-style-type: none"> • Learn to make creative pottery : <u>Material Required</u> : Clay, Tools, Comb, Jute bag, Mat, Knife, Thread etc. • Learn to make P.O.P. Mask: <u>Material Required</u> : P.O.P. & various tools 		
July - August	<ul style="list-style-type: none"> • Creative 3D flower 	<ul style="list-style-type: none"> • <u>Material Required</u> : Fabric glue, Hand made sheet (Blue, Purple, Orange), Oil Pastel, A4_Size sheets of various colors, cutter, scissors, and decorative material. 		
Sept - November	<ul style="list-style-type: none"> • Best out of waste • Revision 	<ul style="list-style-type: none"> • Make any item using waste material. • completion of pending work. 		
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Dramatics)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> • Knowledge about Civic Sense • Group discussion, presentation and documentaries about civic sense. 	<ul style="list-style-type: none"> • One Play on Civic Sense, on any upcoming topic. 		
July - August	<ul style="list-style-type: none"> • Knowledge about pursuing carrier without distraction in today's youth. • Group discussion, presentation and documentaries about carrier. 	<ul style="list-style-type: none"> • Presentation of two street plays focusing on carrier and goals. 		
Sept - November	<ul style="list-style-type: none"> • Knowledge about Road safety, Real Life examples through documentaries. • Group discussion, presentation and documentaries about Road safety. 	<ul style="list-style-type: none"> • One play on Road safety for today's youth. 		
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Electronics)		Syllabus: 2012-2013		Class : XII	
Month	PARTICULARS				
	Theory			Practical	
April - May	<ul style="list-style-type: none"> Voltage Stabilizer, its Various types and Construction Working Principle & Designing of Stabilizer Modulation Techniques 			<ul style="list-style-type: none"> Rectifier circuit 	
July - August	<ul style="list-style-type: none"> Logic Gates Number System (Decimal, Binary & Hexadecimal) 			<ul style="list-style-type: none"> To practically verify the output of logic gates. To construct logic gate based security system. 	
Sept - November	<ul style="list-style-type: none"> To Study block diagram of Monochrome TV receiver & C.R.T. Concept of Scanning, Synchronisation To study faults in a Monochrome Receiver 			<ul style="list-style-type: none"> Communication based project. 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>					

Subject : Work Education (Bharatnatyam Dance)		Syllabus: 2012-2013		Class : XII	
Month	PARTICULARS				
	Theory			Practical	
April - May	<ul style="list-style-type: none"> History of Bharatnatyam 			<ul style="list-style-type: none"> Practice of all the taught Adavus. Mandi Adavus 	
July - August	<ul style="list-style-type: none"> Theory of Navras 			<ul style="list-style-type: none"> Bharatnatyam practical usage of Navras. 	
Sept - November	<ul style="list-style-type: none"> Nritya and Natya 			<ul style="list-style-type: none"> Semi classical dance Folk dance 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>					

Subject : Work Education (Vocal Music)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> Basics of music Definition (Proper notes with names and kinds of Scales) 		<ul style="list-style-type: none"> Practice of scales. 	
July - August	<ul style="list-style-type: none"> Knowledge of notes on Harmonium. 		<ul style="list-style-type: none"> Creative Alankar in singing Practice on Harmonium 	
Sept - November	<ul style="list-style-type: none"> Knowledge about rhythm and Taal. Rupak & Teentaal. 		<ul style="list-style-type: none"> Practice of identifying rhythm on the hand beats. Identifying the Taal in different moods. 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Indian Instrumental)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> Basic of Notes Definition of Notes Names and kinds of Thats 		<ul style="list-style-type: none"> Practice of notes on sitar, sarod and Harmonium Practice of Thats kind of note. 	
July - August	<ul style="list-style-type: none"> Knowledge of raga (Scale) Knowledge of Laya 		<ul style="list-style-type: none"> Practice of Raga on Sarod (Scale) Practice of Laya on Tabla, Sarod and Harmonium 	
Sept - November	<ul style="list-style-type: none"> Knowledge about Taal Knowledge about Thaah and Dugun. 		<ul style="list-style-type: none"> Practice of Teen Taal on Tabla, (Rupak), (Dadra) 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Western Dance)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> • Introduction to contemporary dancing techniques. 		<ul style="list-style-type: none"> • Working on the flexibility. • One Hip-Hop performance. 	
July - August	<ul style="list-style-type: none"> • Techniques of Jazz 		<ul style="list-style-type: none"> • Preparation of one jazz item. 	
Sept - November	<ul style="list-style-type: none"> • Techniques of Hip - Hop dance 		<ul style="list-style-type: none"> • One funk Hip-Hop item. • One Lyrical Hip-Hop item. 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Subject : Work Education (Western Instrumental Music)		Syllabus: 2012-2013		Class : XII
Month	PARTICULARS			
	Theory		Practical	
April - May	<ul style="list-style-type: none"> • Detailing of Guitar • Composing interlude Music. 		<ul style="list-style-type: none"> • Listening skills . • Practice on Guitar. 	
July - August	<ul style="list-style-type: none"> • Chord progression. • Combination of SUS chords. 		<ul style="list-style-type: none"> • Covering a song by hearing. 	
Sept - November	<ul style="list-style-type: none"> • Harmony and melody • Backing vocals 		<ul style="list-style-type: none"> • Covering Guitar solo. • Soloing on keyboard. 	
<p>Note : Grades will be sent to CBSE on the basis of students' performance.</p>				

Syllabus: 2012-2013

INTRA CLASS ACTIVITIES

Class : XII

Co-curricular activities are an intrinsic and integral part of the school curriculum. These activities provide a platform to the students to share their concerns, view points and at the same time prepare them for future endeavours, informative and enriching discussions related to topics of their interests and importance will be included in the same. Students will be informed about the details of the activities prior to every event.

Month	Date	Activity	Theme
April'12	27.04.12	Group Presentation	Moral Values
May'12	11.05.12	Group Discussion - I	Tips for handling board pressure
July'12	27.07.12	Talk Show	Challenges of India and its future progress
August'12	31.08.12	Creative Writing	Respect of Elders in the present Indian society
October'12	26.10.12	Group Discussion -II	Steps for proper implementation of Govt. Policies & Programmes
November'12	23.11.12	Panel Discussion	Role of infrastructure in facilitating India's progress.
December'12	14.12.12	Poster Making	Vision 2050

Year Planner : 2012-2013

Class : XII

Month	Date & Day	Details
April'12	03.04.12 (Tuesday)	Orientation Programme for Students
May'12	07.05.12 (Monday)	Students' Workshop : Mapping for success
June'12	20.06.12 (Wednesday) onwards	June Test
July'12	02.07.12 (Monday)	Student's Workshop : Self Motivation
	21.07.12 (Saturday)	Parent Teacher Meeting + Book Fair
August'12	03.08.12 (Friday)	Parent's Workshop : Career Counselling
	20.08.12 (Monday)	Student's Workshop : Treading the career path
September'12	17.09.12 (Monday) onwards	First Term Examination
October'12	13.10.12 (Saturday)	Parent Teacher Meeting + Book Fair
	20.10.12 (Saturday)	Senior Annual Day
November'12	23.11.12 (Friday)	Parent's Workshop : Befriending your children
	30.11.12 (Friday)	Senior Sports Day
December'12	01.12.12 (Saturday)	Parent Teacher Meeting + Exhibition & Book Fair
	19.12.12 (Wednesday)	Mock Practicals
January '13	03.01.13 (Thursday) onwards	Pre Board Examination
	19.01.13 (Saturday)	Parent Teacher Meeting + Book Fair
	24.01.13 (Thursday)	Blessing Ceremony

Note : Dates Proposed are tentative and subject to change. Dates will be intimated in the month scheduled for the same.

List of Holidays 2012-13		Class : XII
MONTH	DATE & DAY	DETAILS
April'12	5th, Thursday 6th, Friday	Mahavir Jayanti Good Friday
May'12	14th , Monday to 31st, Thursday	Summer Vacation
June'12	1st, Friday to 30th, Saturday	Summer Vacation
August'12	2nd, Thursday 10th, Friday 15th, Wednesday 20th, Monday	Rakshabandhan Janamashtami Independence Day Id-UI-Fitr
October'12	2nd, Tuesday 22nd, Monday to 24th, Wednesday 29th, Monday	Gandhi Jayanti Dussehra Break Balmiki Jayanti
November'12	2nd, Friday 12th, Monday to 15th, Thursday 28th, Wednesday	Karva Chauth Diwali break Guru Nanak's Birthday
December'12	25th, Tuesday 31st, Monday	Christmas Winter Break
January'13	1st, Tuesday to 13th, Sunday 26th, Saturday	Winter Break Republic Day