

**SYLLABUS PLANNING 2011-2012**  
**SUBJECT - ENGLISH**  
**CLASS - XII**

**1st Term (April 2011 to September 2011)**

Month	Section	Book	Topic
March	Reading Writing Literature	Flamingo	Reading Comprehension, Advertisements, Keeping Quiet
April	Writing  Literature	Flamingo Vistas	Report Writing, Terrorism, Child Labour (Topics) The Last Lesson, Lost Spring The Third Level
May	Writing  Literature	Flamingo Vistas	Notice, Article, Education, Environment (Topics) My Mother at Sixty Six The Tiger king
July	Reading & Writing Literature	Flamingo Vistas	Note Making, Abstraction, Poster Making, Media, Sports (Topics) Indigo, Deep Water Should wizard hit Mommy, Evans tries an O-level
Aug	Writing  Literature	Flamingo Vistas	Letter Writing, Women Empowerment Female foeticide (Topics) Aunt Jennifer's Tiger, The Rattrap, Journey to the End of the Earth
Sept	Writing Literature	Flamingo  Vistas	Tourism, Science (Topics) Poets and pancakes, A Thing of Beauty On the face of it

### IInd Term (October 2011 to December 2011)

Oct	Writing		Circular, Appeal, Speech, Debate Television, Examination (Topics)
	Literature	Flamingo Vistas	The Interview, Roadside stand The Enemy, Memories of Childhood
Nov	Literature	Flamingo	Going Places, An Elementary School Classroom In A Slum
	Writing		Factual Description
Dec	Revision		Revision

### PAPER PATTERN

Q. No.	Type of Questions	Marks	Time (in Min.)
1.	Comprehension	9+3=12	15
2.	Note making	5+3=8	15
3.	Short Composition	5	7
4.	Factual Description / Report Writing	10	15
5.	Letter Writing	10	15
6.	Article / Speech / Debate	10	20
7.	Extract from poem	4	8
8.	Three short questions from poem	3x2=6	15
9.	Five short questions from Hornbill	5x2=10	20
10.	One long answer question from Flamingo	10	15
11.	One long answer question from Vistas	7	10
12.	Two short question from Vistas	4x2=8	15
<b>Total</b>		<b>100</b>	<b>180</b>

# SUBJECT - MATHS

## Ist Term (April 2011 to September 2011)

Month	Topic	Half Yearly	Annual
Feb	Matrices	10	05
March	Determinants and L.P.P.	20	14
April	Relations & Functions, Inverse Trigonometry	15	10
May	Derivatives Applications of Derivatives	55	44
July	Integrations		
Aug	Applications of Integrations		
Sept	Differential Equations		
<b>Total</b>		<b>100</b>	

## IInd Term (October 2011 to November 2011)

Oct	Vectors & 3-D	17
Nov	Probability	10
<b>Total</b>		<b>100</b>

## PAPER PATTERN

Form of Question	No. of Question	Marks for each questions	Total Marks	Time (in min.)
V.S.A.	10	1	10	20
S.A.	12	4	48	80
L.A.	7	6	42	65
Revision				15
<b>Total</b>	<b>29</b>		<b>10</b>	<b>180</b>

# SUBJECT - PHYSICS

## Ist Term (April 2011 to September 2011)

Month	Topic	I Term	II Term
Feb	Atom & Nuclei	10	6
March	Electrostatics	20	8
April	Current electricity	15	7
Aug	Magnetic effects of current & magnetism	15	8
Sept	E.M. Waves, Photon & Dual Nature	10	7
	<b>Total</b>	<b>70</b>	

## IInd Term (October 2011 to November 2011)

Oct	Electromagnetic Induction		8
	Solids & semi conductor devices		7
Nov	Communnication System & Waves, Optics		5
			<b>14</b>

### Practicals & 10 Activities

Any two assigned practicals	8	8
Two activities	4+4	4+4
Practical record	6	6
Viva & experiments	5	5
Record of demo experiments	3	3
<b>Total</b>	<b>30</b>	<b>30</b>

## PAPER PATTERN

Form of Question	No. of Question	Marks for each	Total Marks	Expected length	Time (in min.)
V.S.A.	8	1	8	1 word or 1 line	$2 \times 8 = 16$
S.A. I	10	2	20	30 words	$2 \times 10 = 40$
S.A. II	9	3	27	50 words	$8 \times 9 = 72$
L.A.	3	5	15	150 words	$14 \times 3 = 42$
Revision Time				10	
<b>Total</b>	<b>30</b>		<b>70</b>		<b>180</b>

### Weightage Learning Objectives

Objective	Marks	% of marks
Knowledge	21	30
Understanding	35	52
Application	14	20
<b>Total</b>	<b>70</b>	<b>100</b>

# SUBJECT - CHEMISTRY

## Ist Term (April 2011 to September 2011)

Month	Topic	I Term	II Term
Feb	Polymers	3	3
March	Solid State	6	4
	Solutions	7	5
April	Electro chemistry	7	5
	Chemical Kinetics	7	5
May	Surface chemistry	7	4
July	Process of isolation of elements	6	3
	d & f block elements	6	5
	P-Block elements	10	8
Aug	Co-ordination compounds	6	3
	Haloalkanes & Haloarenes	5	4
Sept	Revision		
<b>Total</b>		<b>70</b>	

## IInd Term (October 2011 to November 2011)

Oct	Alcohol, Phenol & Ether	4
	Aldehyde, ketone and carboxylic acids	6
Nov	Nitrogen-containing compounds	4
	Biomolecules	4
	Chemistry in everyday life	3
<b>Total</b>		<b>70</b>

### Practicals

Content based experiment	4
Volumetric analysis	10
Inorganic salt analysis	6
Project	5
Practical record - viva	5
<b>Total</b>	<b>30</b>

## PAPER PATTERN

Form of Question	No. of Question	Marks for each questions	Total Marks	Time (in min.)
V.S.A.	1	8	8	16
S.A. I	2	10	20	40
S.A. II	3	9	27	72
L.A.	5	3	15	42
Revision Time				10
<b>Total</b>	<b>30</b>		<b>70</b>	<b>180</b>

# SUBJECT - BIOLOGY

## Ist Term (April 2011 to September 2011)

Month	Topic	I Term	II Term
Feb	Ch.1 Reproduction in Organisms	4	4
March	Ch.2 Sexual reproduction in plants	4	4
	Ch.3 Human reproduction	3	2
	Ch.4 Reproductive health	3	2
April	Ch.5 Principles of inheritance & variation	10	7
	Ch.6 Molecular basis of inheritance	10	7
May	Ch.7 Evolution	6	6
July	Ch.8 Human health & diseases	6	4
	Ch.9 Strategies for enhancement in food production	6	4
Aug	Ch.10 Microbes in human welfare	6	4
	Ch.11 Biotechnology: Principles & Processes	6	6
Sept	Ch.12 Biotechnology & its application	6	6
<b>Total</b>		<b>70</b>	

## IIInd Term (October 2011 to November 2011)

Oct	Ch.13 Organisms & populations		3
	Ch.14 Eco system		4
Nov	Ch.15 Biodiversity & conservation		3
	Ch.16 Environmental issues		4
	Revision		
<b>Total</b>			<b>70</b>

## PAPER PATTERN

Form of Question	No. of Question	Marks for each questions	Total Marks	Time (in min.)
V.S.A.	8	1	8	16
S.A. I	10	2	20	40
S.A. II	9	3	27	72
L.A.	3	5	15	42
Revision Time				10
<b>Total</b>	<b>30</b>		<b>70</b>	<b>180</b>
Practicals		Marks		Time (in min.)
Content based experiment		8		1 Hr.
Slide preparation		5		1 Hr.
Spotting		7		10 - 15 min
Project		5		15 - 20 min
Practical Record/Viva		5		15 - 20 min
Revision				20 min
Total		30		180 min

## SUBJECT - COMPUTER

### Ist Term (April 2011 to September 2011)

Month	Topic	Weightage	
		I Term	II Term
March	Revision of C++ , Structure	15	7
April	Object Oriented Programming Concept	4	4
	Class & Object	6	6
May	Constructor & Destructor	6	4
	Database Concept	10	8
July	Inheritance	6	4
	Data File Handling	5	5
Aug	Pointer	2	2
	Array	10	8
Sept	Stack & Queue	6	4
<b>Total</b>		<b>70</b>	

### IInd Term (October 2011 to February 2012)

Oct	Boolean Algebra	-	8
Nov	Communication & Open Source Technology	-	10
Dec	Revision		
Jan	Revision		
Feb	Revision		
<b>Practicals</b>			
	Programming in C++	10	10
	SQL Commands	5	5
	Practical File	7	5
	Viva Voce	8	5
	Project Work	-	5
<b>Subtotal</b>		<b>30</b>	<b>70 (T)</b>
			<b>30 (P)</b>
<b>Total</b>		<b>100</b>	<b>100</b>

## SUBJECT - GEOGRAPHY

Book-1 : Fundamentals of Human Geography

Book-2 : India-People and Economy

### Ist Term (April 2011 to September 2011)

Month	Book	Topic	Half Yearly	Annual
Feb/ March	B-1	Unit-1 Human Geography Nature & Scope	3	3
		Unit-2 People	5	5
		Unit-3 Human Activities (To be contd.)	10	10
April	B-1	Unit-3 Human Activities (To be continued)	-	-
		Unit-4 Transport, Communication and Trade	10	10
May	B-1	Unit-5 Human Settlement	10	4
	B-2	Unit-1 People	10	5
July	B-2	Unit-2 Human Settlement	10	4
	B-2	Unit-3 Resource Development	10	12
Aug	B-2	Unit-3 Resource Development (Continue)	-	-
	B-1	Map Work	2	2
Sept	Revision for Half Yearly			
	<b>Total</b>		<b>70</b>	
	Practiclas		30	
	<b>Total</b>		<b>100</b>	

### IInd Term (October 2011 to November 2011)

Oct	B-2	Unit-4 Transport Communication International Trade	-	7
Nov	B-2	Unit-5 Geographical perspectives	-	5
	B-2	Map Work		3
	<b>Total</b>			<b>70</b>
	Practical			30
	<b>Total</b>			<b>100</b>

**Syllabus for Practicals**

April	Data - Its source and compilation
	Date - Processing
May	Graphical Representation of Data
July	Use of computer in Data Processing and Mapping
Aug	Spatial Information Technology
Sept	Revision

**PAPER PATTERN**

Form of Question	No. of Question	Marks for each Questions	Total Marks	S. No. of Q. Paper
V.S.A.	10	1	10	1-10
S.A.	10	3	30	11-20
L.A.	6	5	30	21-26
Total	26		70	

# SUBJECT - POLITICAL SCIENCE

## Ist Term (April 2011 to September 2011)

Month	Topics	Weightage		
		I Term	II Term	
<b>Part-A Complimentary World-Politics</b>				
April	L-1	Coldwar era in world politics	8	14
	L-2	Disintegration of the second world and end of bipolarity	8	
	L-3	US Dominance in world politics	8	16
	L-4	Alternative centres of power	8	
May	L-5	Contemporary South Asia	8	
<b>Part-B Politics in India since Independence</b>				
July	L-1	Challenges of Nation Building	8	
	L-2	Era of one - party dominance	8	16
	L-3	Politics of Planned development	8	
Aug	L-4	India's External Relations	8	6
	L-5	Challenges to and Restoration of Congress System	8	
Sept	L-6	Crisis of the constitutional order	12	12
	L-7	Rise of popular movements	8	
		Revision		

## IInd Term (October 2011 to December 2011)

<b>Part-A Complimentary World-Politics</b>				
Oct	L-6	International Organizations		10
	L-7	Security in the contemporary world		
	L-8	Environment and Natural Resources		12
	L-9	Globalisation		
<b>Part-B Politics in India since Independence</b>				
Nov	L-8	Regional Aspirations		6
	L-9	Recent Developments in Indian Politics, Coalition Parties		4
Dec		Revision		
<b>Total</b>				<b>100</b>

## **PAPER PATTERN**

Form of Question	No. of Question	Marks for each Questions	Total Marks
V.S.A.	10	1	10
S.A. - I	10	2	20
L.Q.	10	4	40
L.Q.	5	6	30
Total	35		100

# SUBJECT - ECONOMICS

## Ist Term (April 2011 to September 2011)

Month	Topic	I Term	II Term
Feb/	Introduction		4
March	Consumer behaviour / Demand	20	18
April	Producer's Behaviour	22	
May	Supply		18
	Forms of Market & Price Determination simple application of demand and supply	20	15
July	Macroeconomics - Meaning National Income & Related Aggregates Measurement of National Income	20	8 15
Aug	Money & Banking Aggregate demand & Aggregate supply Determination of income & employment Investment Multiplier	14	
Sept	Excess & Deficient Demand	4	12
	Total	100	

## IInd Term (October 2011 to December 2011)

Oct	Govt. Budget Foreign Exchange rate		8
Nov	Balance of Payment		7
Dec	Revision		
	Total		100

## PAPER PATTERN

Form of Question	No. of Question	Marks for each Questions	Total Marks
V.S.A.	10	1	10
S.A. - I	10	3	30
S.A. - II	6	4	24
L.A.	6	6	36
Total	32		100

## SUBJECT - BUSINESS STUDIES

### Ist Term (April 2011 to September 2011)

Month	Topics	Weightage	
		I Term	II Term
Feb	L-1 Nature and Significance of Management	10	7
March	L-2 Principles of Management	10	7
	L-3 Business Environment	7	5
April	L-4 Planning	9	7
	L-5 Organising	14	10
May	L-6 Staffing	10	8
July	L-7 Directing	14	10
	L-8 Controlling	10	6
Aug	L-9 Business Finance	10	12
	L-12 Consumer Protection	6	6
Sept	Revision + Half Yearly Exams		
Total		100	

### IInd Term (October 2011 to January 2012)

Oct	L-10 Financial Markets	8	
Nov	L-11 Marketing	14	
Dec/Jan	Revision & Pro board exams		
Total		100	

## PAPER PATTERN

Form of Question	No. of Question	Marks for each Questions	Total Marks
V.S.A.	10	1	10
S.A. - I	5	3	15
S.A. - II	5	4	20
L.A. - I	5	5	25
L.A. - II	5	6	30
Total	30		100

## SUBJECT - ACCOUNTANCY

### Ist Term (April 2011 to September 2011)

Month	Topic	I Term	II Term
Feb	Accounting for share Capital -Issue of Shares	20	15
March	Cont. Issue of Shares		
April	Issue of Debentures	15	10
May	Accounting for Partnership Firms	10	5
July	Reconstitution of Partnership - Admission of Partner	23	20
Aug	Retirement of Partner Death of Partner	12	
Sept	Dissolution of Partnership Viva Voice & Practical	20	
	Total	100	

### IInd Term (October 2011 to January 2012)

Oct	Non-Profit Organisation Cash Flow Statement		10 20
Nov	Analysis of Financial Statement Tools of Financial Statement Practical: Project File    4 mks. Viva            4 mks. Written Test   12 mks.		20
Dec	Revision		
Jan	Pre-board exams		
	Total		100

## PAPER PATTERN

Form of Question	No. of Question	Marks for each Questions	Total Marks
V.S.A.	8	1	8
S.A. - I	4	3	12
S.A. - II	5	4	20
L.A. - I	4	6	24
L.A. - II	2	8	16
Total	23		80

## SUBJECT - FINE ART

### Ist Term (April 2011 to September 2011)

To pic	Marks	
	1st	2nd
<b>THEORY:</b>		
<b>A. Rajasthani School:</b> (Paintings) Maru-Ragini, Raja Anirudh Singh Heera, Chaugan Players, Krishna Playing club & dancing gopals, R adha (Bani Thani), Bharat meets Rama at Chitrakut	10	3
<b>B. Pahari Schoo:</b> (Paintings) Krishna with Gopis & Raga Magha	10	2
<b>C. Mughal School:</b> (Paintings) Krishna lifting mount goverdhan, Baber crossing the river sone, Jahangir holding the picture of Madona, Falcon on a bird rest, Kabir & Raidas, Marriage procession of Dara Shikoh	10	3
<b>D. Decan School:</b> (Paintings) Raga Hindola, Chand Bibi playing polo	10	2
<b>PRACTICAL:</b>		
1. Nature & Object Study	20	
2. Painting composition	20	
3. Sessional Work	20	
<b>Total</b>	<b>100</b>	

### IInd Term (October 2011 to March 2012)

<b>A. Bangal School:</b> (Paintings) Journey End. Parthasarthi, Radhika	15
<b>B. Modern Trends in Indian Art:</b> Evolution of Indian National Flag (1906.21.47)	15

(Paintings) Magician, Mother & Child, Woman  
Three Girls Sculpture : Triumph of Labour,  
Santhal Family

- C. Contemporary India Art:  
Mother Teresa, Birth of Paetry, Gossip  
Untitled Diagonal (Graphic Prints) Whilpool  
Children, Devi of Walls, Man, Woman &  
Tree Sculpture  
Standing woman, eries Unheard,  
Ganesha, Figure, Chatturmukhi

**PRACTICAL:**

- |                          |    |
|--------------------------|----|
| 1. Nature & Object Study | 20 |
| 2. Painting composition  | 20 |
| 3. Sessional Work        | 20 |

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Total	100
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# SUBJECT - PHYSICAL EDUCATION

(CODE-048)

## Ist Term (April 2011 to September 2011)

S. No.	Ch. No.	Topics	Weightage	
			I Term	II Term
<b>PART-A</b>				
1.	1.	Physical Fitness & Wellness	10	7
2.	2.	Planning in Sports	10	7
3.	3.	Sports Environment	10	6
4.	4.	Postures	10	6
5.	5.	Yoga	10	6
<b>PART-B</b>				
6.	Unit-1	History of the game/sport	2	2
		Latest general rules of the game	2	2
		Measurement of play field and Specifications	2	2
		Fundamental Skills of the game/sports	2	2
		Related sports terminologies	2	2
7.	Unit-2	Important Tournaments & Venues	2	2
		Sports personalities	2	2
		Sports awards	2	2
		Various sports organizations	2	2
		First Aid & rehabilitation of sports injuries	2	2
<b>IInd Term (October 2011 to November 2011)</b>				
<b>PART-A</b>				
8.	6.	Sport's and Nutrition	6	
9.	7.	Training Methods	6	
10.	8.	Psychological Aspect of Physical Education	6	
Total			70	