



# SUBJECT WISE SYLLABUS PLAN

## MATHEMATICS

S.No.	Topic Name	No. of Classes
1.	Real Number	8
2.	Polynomial	9
3.	Linear equation in two variables	10
4.	Quadratic equations	5
5.	Similar triangle	11
6.	Circles	4
7.	Trigonometry	8
8.	Heights and distances	3
9.	Area related to circles	5
10.	Surface area and volume	10
11.	Statistics	7
12.	Probability	3
13.	Coordinate geometry	7
14.	Arithmetic Progression	8
15.	Constructions	4
16.	Revision	8
<b>Total</b>		<b>110</b>

## CHEMISTRY

S.No.	Topic Name	No. of Classes
1.	Chemical reaction and equation	7
2.	Periodic classification of elements	6
3.	Acids, Bases and salts	10
4.	Metals and Nonmetals	11
5.	Carbon and its compounds	19
6.	Nuclear chemistry & Coal and Petroleum	3
7.	Revision	7
<b>Total</b>		<b>63</b>

## ENGLISH

S.No.	Topic Name	No. of Classes
1	Tense	3
2	Conditionals	1
3	The Two Gentlemen of Verona	2
4	The Frog And The Nightingale	2
5	Subject Verb Agreement	3
6	Mrs. Packletide's Tiger	2
7	Reported Speech	3
8	Not Marble Nor The Gilded Monument	1
9	Determiners	2
10	The letter	3
11	Modals	2
12	The Dear Departed	6
13	Writing section	1
14	Novel	2
15	Active and passive voice	2
16	The Ozymandians	1
17	The Shady Plot	3
18	Prepositions	2
19	The Rime Of The Ancient Mariner part-1,2	3
20	Connectors	2
21	Patol Babu	4
22	Virtually True	3
23	Julius Caesar	5
24	Novel	1
<b>Total</b>		<b>59</b>

## BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Nutrition	9
2.	Respiration	7
3.	Transportation	7
4.	Excretion	3
5.	Control and coordination	14
6.	How Do Organisms Reproduce	11
7.	Heredity and Evolution	12
8.	Our Environment	4
9.	Management Of Natural Resources	3
10.	Revision	9
<b>Total</b>		<b>79</b>

## SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes
1	Power Sharing	2
2	Resources and Development	2
3	The Age of Industrialisation	3
4	Development	2
5	Federalism	2
6	Sectors of Indian Economy	3
7	The Making of a Global World	4
8	Forest & Wild Life Resources	1
9	Work, life and leisure : Cities in The Contemporary World	3
10	Water Resources	2
11	Democracy & Diversity	4
12	Print Culture and the Modern World	2
13	Gender Religion and caste	2
14	Agriculture	2
15	Novel Society & History	2
16	The Rise of Nationalism in Europe	4
17	Minerals & Energy Resources	2
18	Money & Credit	2
19	Popular Struggles and Movements	2
20	Globalisation and the Indian Economy	2
21	Nationalism in India	4
22	Consumer Rights	2
23	Manufacturing Industries	2
24	Lifelines of the National Economy	2
25	Political Parties	2
26	Nationalist Movement in Indo China	3
27	Outcomes of Democracy	2
28	Challenges to Democracy	1
29	Revision	17
<b>Total</b>		<b>83</b>

## MENTAL ABILITY

S.No.	Topic Name	No. of Classes
1	Alphabet test	2
2	coding-decoding	2
3	"Number series"	2
4	alphabet series	1
5	Letter repeating series	1
6	Missing term in figure	2
7	"Mathematical operations,Direction sense test"	2
8	"Sitting arrangement,Ranking & ordering"	2
9	Blood relation	1
10	Puzzle test	2
11	Venn diagram,Syllogism	2
12	Analogy,Classification	2
13	Pyramid test	1
14	Calendar test	2
15	Dice test,Cube test	2
16	clock test	2
17	"Figure partition & counting,Mirror image & Water image, Paper cutting & folding,Completion & formation of figure,Figure embedded"	2
18	Nonverbal series	1
19	Nonverbal analogy,Nonverbal classification	2
20	Logical sequence of words	1
21	Vedic maths	1
<b>Total</b>		<b>35</b>

## PHYSICS

S.No.	Topic Name	No. of Classes
1	Electricity	11
2	Magnetism	8
3	Source of Energy	11
4	Light	30
5	Revision	9
<b>Total</b>		<b>69</b>

## School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Solve Date	Check Date	Test Syllabus					
			Physics	Chemistry	Mathematics	Biology	English	Social Science
1	2/4 to 14/4	14/5 to 19/5			Real Number	Nutrition	Tense	Power Sharing
2	16/4 to 28/4	04/6 to 09/6		Chemical Reactions and Equations	Polynomial	Respiration	Conditionals+ Two Gentlemen of Verona	Resources and Development
3	30/4 to 18/5	14/5 to 19/5	Electricity		Linear equation in two variables	Transportation	The frog and the nightingale + SVA	The Age of Industrialisation+ Federalism+The Making of a Global World
4	14/5 to 19/5	04/6 to 9/06		Periodic Classification of elements	Quadratic equations	Excretion	Mrs. Packletide's Tiger + Reported speech + Modals	Sectors of Indian Economy + Forest & Wild Life Resources
5	21/5 to 09/6	09/7 to 14/7	Magnetism	Acids, Bases and Salts	Similar triangle	Control and Co-ordination	Determiners + Not Marble nor the Gilded Monuments	Work, Life and leisure: Cities in The Contemporary World + Democracy & Diversity
6	25/6 to 30/6	23/7 to 28/7			Circles		The dear departed + Novel	Water Resources+Print Culture and the Modern World+Agriculture
7	2/7 to 07/7	09/7 to 14/7		Metals & Nonmetals	Trigonometry	How Do Organisms Reproduce	Letter /story/article writing+ Dialogue completion+ editing + omission + newspaper headlines + Prepositions	Gender, Religion and Caste + Novel Society & History + Minerals & Energy Resources
8	09/7 to 14/7	23/7 to 28/7	Sources of Energy		Heights and distances		Active Passive Voice + Connectors	The Rise of Nationalism in Europe+ Money & Credit+ Globalisation and the Indian Economy
9	16/7 to 21/7	20/8 to 25/8			Area related to circles		Ozymandias + Rime of the Ancient Mariner	Popular Struggles and Movements + Nationalism in India
10	23/7 to 4/8	1/10 to 6/10		Carbon and Its compounds	Surface area and volume		Shady plot + Patol babu	Consumer Rights + Lifelines of the National Economy
11	6/8 to 18/8	20/8 to 25/8			Statistics			Manufacturing Industries
12	13/8 to 18/8	1/10 to 6/10			Probability	Heredity and Evolution		
13	20/8 to 1/9	20/11 to 1/12	Light		Coordinate geometry	Our Environment	Virtually True	Political Parties, Outcomes of Democracy
14	03/9 to 08/9	1/10 to 6/10		Nuclear Chemistry of Coal & Petroleum	Arithmetic Progression	Management of Natural Resources	Julius Caesar+ Dialogue completion+ Editing + Omission + Newspaper Headlines	
15	12/11 to 24/11	26/11 to 1/12			Constructions		Novel	Challenges to Democracy