

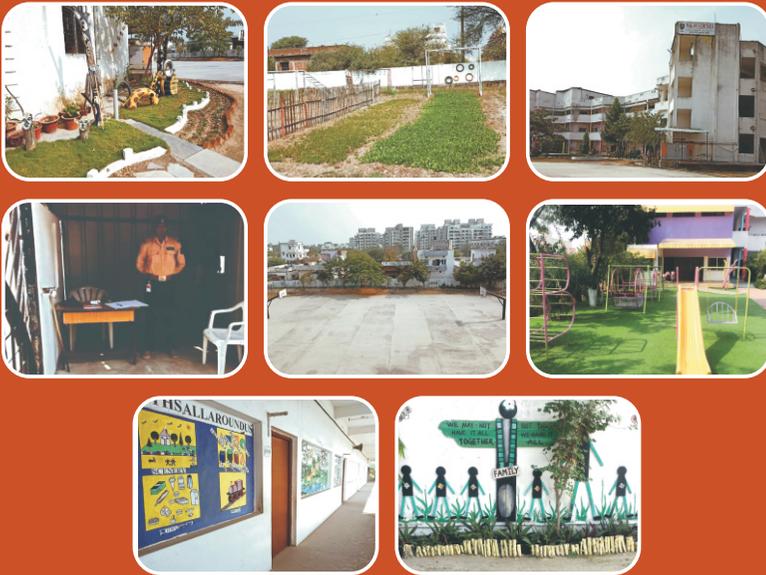
A Day Boarding School
for Holistic Development of the Child



Assesment Planner 2022-2023

All Under One Roof

- Schooling • Foundation • Skill Development
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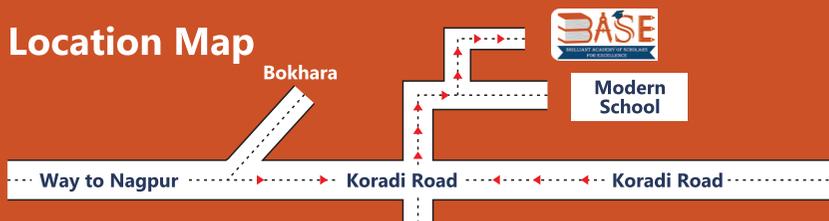
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Location Map



Subject: MATHS

Chapter Name : NUMBER SYSTEM

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction	Types of num/ Inserting rational num between two rational number	20		
		A	---				
	2	T	Ex 1.1 A (C.W.)				
		A	Ex 1.1 A (H.W.)				
2	3	T	Ex 1.1 B (C.W.)	Properties of retinal number and representing fractional number on number line	20		
		A	Ex 1.1 B (H.W.)				
3	4	T	Ex 1.2 (C.W.)	Decimal Expansion to p/q form and vice-versa	20		
		A	Ex 1.2 (H.W.)				
	5	T	Real Number & Decimal Expansion + Ex 1.3 A (C. W.)				
		A	-----				
	6	T	Ex 1.3 A (C.W.)				
		A	Ex 1.3 A (H.W.)				
4	7	T	Ex 1.3 B (C.W.)	Inserting irrational number between two rational + magnification method	20		
		A	Ex 1.3 B (H.W.)				
	8	T	Ex 1.3 C (C.W.)				
		A	-----				
	9	T	Ex 1.3 C (C.W.)				
		A	Ex 1.3 C (H.W.)				
5	10	T	Ex 1.4 (C.W.)	Surds, types of surds and rationalization	20		
		A	Ex 1.4 (H.W.)				
	11	T	Ex 1.5 A (C.W.)				
		A	-----				
	12	T	Ex 1.5 A (C.W.)				
		A	Ex 1.5 A (H.W.)				
	13	T	Ex 1.5 B (C.W.)				
		A	-----				
6	14	T	Ex 1.5 B (C.W.)	Representation of Rational Dec. exp on number line and laws of Exponents.	20		
		A	Ex 1.5 B (H.W.)				
	15	T	Ex 1.5 C (C.W.)				
		A	Ex 1.5 C (H.W.)				
	16	T	Laws of Exponents + Ex 1.6 A (C.W.)				
		A	-----				
	17	T	Ex 1.6 A (C.W.)				
		A	Ex 1.6 A (H.W.)				
	18	T	Ex 1.6 B (C.W.)				
		A	-----				
	19	T	Ex 1.6 B (C.W.)				
		A	Ex 1.6 B (H.W.)				

Subject: MATHS
Chapter Name : POLYNOMIALS

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction	Identify Polynomials, Value and Zero of Polynomial	20		
		A	-----				
	2	T	Ex 2.1 (C.W.)				
		A	Ex 2.1 (H.W.)				
	3	T	Zeros of polynomial + Ex 2.2 A (C.W.)				
		A	Ex 2.2 A (H.W.)				
	4	T	EX 2.2 B (C.W.)				
		A	EX 2.2 B (H.W.)				
2	5	T	Ex 2.3 A (C.W.)	Div. Algorithm and Remainder then	20		
		A	-----				
	6	T	Ex 2.3 A (C.W.)				
		A	Ex 2.3 A (H.W.)				
	7	T	Ex 2.3 B (C.W.)				
		A	-----				
	8	T	Ex 2.3 B (C.W.)				
		A	Ex 2.3 B (H.W.)				
3	9	T	Ex 2.4 A (C.W.)	Factor theorem	20		
		A	-----				
	10	T	Ex 2.4 A (C.W.)				
		A	Ex 2.4 A (H.W.)				
4	11	T	Ex 2.4 B (C.W.)	Splitting the middle term and factorization of poly. And App. Of reom theorem	20		
		A	-----				
	12	T	Ex 2.4 B (C.W.)				
		A	Ex 2.4 B (H.W.)				
	13	T	Ex 2.4 C (C.W.)				
		A	-----				
	14	T	Ex 2.4 C (C.W.)				
		A	Ex 2.4 C (H.W.)				
	15	T	Ex 2.4 D (C.W.)				
		A	-----				
16	T	Ex 2.4 D (C.W.)					
	A	Ex 2.4 D (H.W.)					
17	T	Algebraic Identities					
	A	-----					
5	18	T	Ex 2.5 A (C.W.)	Factorization using identities	20		
		A	-----				
	19	T	Ex 2.5 A (C.W.)				
		A	Ex 2.5 A (H.W.)				
	20	T	Ex 2.5 B (C.W.)				
		A	-----				
	21	T	Ex 2.5 B (C.W.)				
		A	Ex 2.5 B (H.W.)				
	22	T	Ex 2.5 C (C.W.)				
		A	-----				
23	T	Ex 2.5 C (C.W.)					
	A	Ex 2.5 C (H.W.)					

Subject: MATHS

Chapter Name : LINE AND ANGLES

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction	Finding unknown angles by straight angle, L.P Axiom	20		
		A	-----				
	2	T	Ex 6.1 A (C.W.)				
		A	-----				
	3	T	Ex 6.1 A (C.W.)				
		A	Ex 6.1 A (H.W.)				
	4	T	Ex 6.1 B (C.W.)				
		A	Ex 6.1 B (H.W.)				
2+3	5	T	Parallel lines & Angles	Parallel Lines [Part 1] + Parallel Lines [Part 2]	20		
		A	-----				
	6	T	Ex 6.2 A + 6.2 B (C.W.)				
		A	-----				
	7	T	Ex 6.2 A + 6.2 B (C.W.)				
		A	-----				
	8	T	Ex 6.2 A + 6.2 B (C.W.)				
		A	Ex 6.2 A + 6.2 B (H.W.)				
4	9	T	Exterior Angle Theorem + Ex 6.3 A (C.W.)	A.S.P. and Ext Angle Prop [Part 1]	20		
		A	-----				
	10	T	Ex 6.3 A (C.W.)				
		A	Ex 6.3 A (H.W.)				
5	11	T	Ex 6.3 B (C.W.)	A.S.P. and Ext Angle Prop [Part 2]	20		
		A	-----				
	12	T	Ex 6.3 B (C.W.)				
		A	Ex 6.3 B (H.W.)				

Subject: MATHS

Chapter Name : CONSTRUCTIONS

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Ex 11.1 (C.W.)	Construction of Angles	20		
		A	-----				
	2	T	Ex 11.1 (C.W.)				
		A	Ex 11.1 (H.W.)				
2	3	T	Ex 11.2 (C.W.)	Construction of Triangles	20		
		A	-----				
	4	T	Ex 11.2 (C.W.)				
		A	Ex 11.2 (H.W.)				

Subject: **MATHS**

Chapter Name : **TRIANGLES**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction	SAS, AAS, ASA Congruency criteria	20		
		A	-----				
	2	T	Ex 7.1 A (C.W.)				
		A	-----				
	3	T	Ex 7.1 A (C.W.)				
		A	Ex 7.1 A (H.W.)				
	4	T	Ex 7.1 B + Properties of triangles				
		A	-----				
	5	T	Ex 7.1 B (C.W.)				
		A	Ex 7.1 B (H.W.)				
2	6	T	Ex 7.2 A + Ex 7.2 B (C.W.)	Isosceles Δ 'le and converse	20		
		A	-----				
	7	T	Ex 7.2 A + Ex 7.2 B (C.W.)				
		A	-----				
	8	T	Ex 7.2 A + Ex 7.2 B (C.W.)				
		A	Ex 7.2 A + Ex 7.2 B (H.W.)				
3	9	T	Ex 7.3 A (C.W.)	SSS, RHS Cong. Criteria to prove Δ 'le congruent	20		
		A	-----				
	10	T	Ex 7.3 A (C.W.)				
		A	Ex 7.3 A (H.W.)				
	11	T	Ex 7.3 B (C.W.)				
		A	-----				
	12	T	Ex 7.3 B (C.W.)				
		A	Ex 7.3 B (H.W.)				
4	13	T	Inequalities of Triangles + Ex 7.4 A (C.W.)	Inequality of Triangle	20		
		A	-----				
	14	T	Ex 7.4 A (C.W.)				
		A	Ex 7.4 A (H.W.)				
	15	T	Ex 7.4 B (C.W.)				
		A	-----				
	16	T	Ex 7.4 B (C.W.)				
		A	Ex 7.4 B (H.W.)				

Subject: **MATHS**

Chapter Name : **CO-ORDINATE GEOMETRY**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction	Reading co-ordinate and plot points on Cartesian plane	20		
		A	-----				
2	2	T	Ex 3.2 (C.W.)	Drawing graph of L.E in two vats	20		
		A	Ex 3.2 (H.W.)				

Subject: MATHS
Chapter Name : STATISTICS

Session No.	UNIT		NAME OF TOPICS	1	2	3	U-1	U-2	U-3	TOTAL NO			
MARKS				20	20	20	40	40	40	OF TESTS			
1	1	Lesson	THE FUN THEY HAD	1	1	1	1	1	1				
2		Poem	THE ROAD NOT TAKEN	1	1	0							
3		Lesson	THE LOST CHILD	1	1	1							11
4	2	Lesson	THE SOUND OF MUSIC	1	1	1	1	1	1				
5		Poem	WIND	1	1	0							11
6		Lesson	THE ADVENTURES OF TOTO	1	1	1							
7	3	Lesson	THE LITTLE GIRL	1	1	1	1	1	1				
8		Poem	RAIN ON THE ROOF	1	1	0							11
9		Lesson	ISWARAN THE STORY TELLER	1	1	1							
10													
	4	Lesson	A TRULY BEAUTIFUL MIND	1	1	1	1	1	1				
11		Poem	THE LAKE ISLE OF INNISFREE	1	1	0							11
12		Lesson	IN THE KINGDOM OF FOOLS	1	1	1							
13													
14	5	Lesson	THE SNAKE AND THE MIRROR	1	1	1	1	1	1				
		Poem	A LEGEND OF THE NORTHLAND	1	1	0							11
15		Lesson	THE HAPPY PRINCE	1	1	1							
16													
17	6	Lesson	MY CHILDHOOD	1	1	1	1	1	1				
18		Poem	NO MEN ARE FOREIGN	1	1	0							11
19		Lesson	WEATHERING THE STORM IN ERSAMA	1	1	1							
20	7	Lesson	PACKING	1	1	1	1	1	1				
21		Poem	THE DUCK AND THE KANGAROO	1	1	0							11
22		Lesson	THE LAST LEAF	1	1	1							
23	8	Lesson	REACH FOR THE TOP	1	1	1	1	1	1				
24		Poem	ON KILLING A TREE	1	1	0							11
25		Lesson	A HOUSE IS NOT A HOME	1	1	1							
26	9	Lesson	THE BOND OF LOVE	1	1	1	1	1	1				
27		Poem	THE SNAKE TRYING	1	1	0							11
28		Lesson	THE ACCIDENTAL TOURIST	1	1	1							
29	10	Lesson	KATHMANDU	1	1	1	1	1	1				
30		Lesson	IF I WERE YOU	1	1	1							
31		Poem	A SLUMBER DID MY SPIRIT SEAL	1	1	0							14
32		Lesson	THE BEGGAR	1	1	1							
33		Grammar	Tenses & Voice	1	1	1	1	1	1				
34		WS	Descriptive Paragraph	1	1	1							9
35		Grammar	SVA & Determiners	1	1	1	1	1	1				
36		WS	Diary Entry	1	1	1							9
37		Grammar	Modals & Prepositions	1	1	1	1	1	1				
38		WS	Story Writing	1	1	1							9
40		Grammar	Clauses & Narration	1	1	1	1	1	1				
41		WS	D.P. / Diary Entry / Story writing	1	1	1							9

Subject: **CHEMISTRY**Chapter Name : **IS MATTER AROUND US?**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark	
Schooling Syllabus Covered (NCERT)								
1	1	T	Introduction about pure & impure matter	to understand mixture, solution concentration of Solution, suspension colloidal solution. To learn the methods of separation	20			
		A	Exampler : Q. 8, 12					
	2	T	Mixture					
		A	Test Yourself - 1 : Q. 3 Exampler : Q. 10					
	3	T	Types of solution					
		A	Test Yourself - 1 : Q. 1, 2, 4, 5					
	4	T	Numerical					
		A	Test Yourself - 1 : Q. 7, 8					
2	5	T	Suspension & Colloid		to understand mixture, solution concentration of Solution, suspension colloidal solution. To learn the methods of separation	20		
		A	Test Yourself - 2 : Q. 2, 3 & 6					
	6	T	Types of Colloid					
		A	Test Yourself - 2 : Q. 4, 5					
	7	T	Separation method					
		A	Exampler - Q. 3, 5					
	8	T	Distillation and Fractional distillation					
		A	Test Yourself - 3 : Q. 6, 7					
3	9	T	Changes & Element	20				
		A	Test Yourself - 3 : Q. 1, 3, 4					
	10	T	Compound					
		A	Test Yourself - 3 : Q. 2, 5					

Subject: BIOLGOY

Chapter Name : FUNDAMENTAL UNIT OF LIFE

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark		
Schooling Syllabus Covered (NCERT)									
1	1	T	Introduction, history, Compound and electron microscope	To understand the fundamental units of life, how to observe cells and instruments required to observe cells. The organelles present in the cell and their functions.	20				
		A	Test Yourself 1 , pg no 59, Q 1, 5						
2	2	T	Plasma membrane and movement of substances- Diffusion		To understand the fundamental units of life, how to observe cells and instruments required to observe cells. The organelles present in the cell and their functions.	20			
		A	Test Yourself 1 , pg no 59, Q 1, 5						
	3	T	Osmosis- endocytosis and exocytosis, solution						
		A	Draw a well labelled diagram of plant, animal and bacterial cell						
	4	T	Plant, animal, bacterial cell						
		A	Draw a well labelled diagram of plant, animal and bacterial cell						
		5	T				Cell wall, nucleus		
			A				Draw a well labelled diagram of plant, animal and bacterial cell		
	6	T	Cytoplasm, endoplasmic reticulum, golgi bodies,						
		A	Exempler , pg no 60, Q 1 to5						
3	7	T	Inter-membrane transport system, lysosome	To understand the fundamental units of life, how to observe cells and instruments required to observe cells. The organelles present in the cell and their functions.	20				
		A	Exempler , pg no 60, Q 1 to5						
	8	T	Mitochondria, plastids and vacoules						
		A	Exempler , pg no 61, Q 6 to 15						

Subject: **BIOLGOY**

Chapter Name : **TISSUES**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Introduction- tissues and its types	To study different types of plant tissues and animal tissues	20		
		A	Draw a well labelled diagram of meristematic tissue				
	2	T	Meristematic tissue				
		A	Draw a well labelled diagram of meristematic tissue				
	3	T	Simple permanent tissue- Parenchyma, collenchyma, sclerenchyma				
		A	Exemplar , pg no 73, Q 1 and 2				
	4	T	Complex permanent tissue, epidermal tissue				
		A	Exemplar , pg no 73, Q 1 and 2				
2	5	T	Animal tissue- epithelial tissue				
		A	write the functions and location of epithelial tissue				
	6	T	Connective tissue-blood, lymph				
		A	write the functions and location of epithelial tissue				
	7	T	Connective tissue- Bone and cartilage				
		A	Differentiate between a)bone and cartilage; b) tendon and ligament				
	8	T	Connective tissue- Areolar , adipose, tendon , ligament				
		A	Differentiate between a)bone and cartilage; b) tendon and ligament				
	9	T	Muscular tissue- striated, unstriated, cardiac				
		A	Draw a well labelled diagram of straiated , unstriated muscle,neuron				
10	T	Nervous tissue					
	A	Draw a well labelled diagram of straiated , unstriated muscle,neuron					

Subject: SST**Chapter Name : THE FRENCH REVOLUTION**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	French Society and outbreak of the Revolution	Understand the origins of the French Revolution, Explain the goals of French revolutionaries and the reactions of people elsewhere in Europe.	20		
		A					
2	2	T	France Abolishes Monarchy and Becomes a Republic		20		
		A					
3	3	T	The Abolition of slavery and Everyday Life		20		
		A					

Subject: SST**Chapter Name : RUSSIAN REVOLUTION**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	The Age of Social Change	"To get an in-depth knowledge of the history of the Soviet Union critically evaluate key interpretations of the social, cultural and political history of Russia in the twentieth century"	20		
		A					
2	2	T	The February Revolution in Petrograd		20		
		A					
3	3	T	What changed after October?		20		
		A					

Subject: SST**Chapter Name : NAZISM AND THE RISE OF HITLER**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Birth of Weimar Republic	"To understand the critical significance of Nazism in shaping the politics of modern. To recognize the necessity of free and unbiased education."	20		
		A					
2	2	T	The Nazi Worldview		20		
		A					
3	3	T	Youth in Nazi Germany		20		
		A					

Subject: SST**Chapter Name : WHAT IS DEMOCRACY WHY DEMOCRACY**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	What Is Democracy?	Develop conceptual skills of defining Democracy. Develop a sophisticated defence of Democracy against all the prejudices.	20		
		A					
2	2	T	Why Democracy?		20		
		A					
3	3	T	Broader Meaning of Democracy		20		
		A					

Subject: SST**Chapter Name : CONSTITUTIONAL DESIGN**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Why do we need constitution?	"Understand the process of Constitution making - Develop respect for the constitution and appreciation for constitutional values. Recognize Constitution as a dynamic need for living document"	20		
		A					
2	2	T	Making of the Indian Constitution.		20		
		A					

Subject: SST**Chapter Name : ELECTORAL POLITICS**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Why Elections? System of elections.	"Identify the need for Election. Recognise the significance of the Election commission. To get familiarise with our electoral system and reasons for choosing this."	20		
		A					
2	2	T	Our System of Elections		20		
		A					
3	3	T	What makes elections Dem.		20		
		A					

Subject: SST**Chapter Name : WORKING OF INTUITIONS**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Major Policy Decision makers	"To get an overview of central government structure .Identify the role of Parliament and its procedures. To distinguish between political and permanent executive authorities and function."	20		
		A					
2	2	T	Political Executive and Judiciary		20		
		A					

Subject: SST**Chapter Name : INDIA SIZE AND LOCATION**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Size and location and the Neighbors.	"To understand the location of India on the globe and also will be able to locate India in terms of latitude and longitude. Significance of India's location on the globe."	20		
		A					

Subject: SST**Chapter Name : PHYSICAL FEATURES OF INDIA**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Major Physiographic divisions.	"The geological process involved in the formation of different physical features. The process of formation of different physiographic divisions."	20		
		A					
2	2	T	Western Ghat and Eastern Ghat		20		
		A					

Subject: SST**Chapter Name : CLIMATE**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Climate controls	"To observe and analyse the climatic variation of our country and its impact on the life of the people. To examine the physical factors which shape the climate of a place."	20		
		A					
2	2	T	The Indian Monsoon		20		
		A					
3	3	T	Distribution of Rainfall		20		
		A					

Subject: SST**Chapter Name : NATURAL VEG. AND WILDLIFE**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Factors affecting Veg.	"To understand the nature of diverse flora and fauna as well as their distribution. How climate, topography, slope affect the growth of natural vegetation and wildlife. To understand the importance of ecosystem."	20		
		A					
2	2	T	wildlife and Conservation.		20		
		A					

Subject: SST**Chapter Name : THE STORY OF VILLAGE PALAMPUR**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Organization of production.	Understand factors of production	20		
		A					

Subject: SST**Chapter Name : PEOPLE AS RESOURCE**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Economic activities by men and women	"To understand how investment is done for Human Capital Formation Understand Economic activities both by men and women Understand how quality population can be created"	20		
		A					
2	2	T	Quality of population and unemployment		20		
		A					

Subject: SST**Chapter Name : POVERTY AS CHALLENGE**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Poverty as seen by social scientist	"To familiarize themselves with the basic concepts like poverty, social exclusion, vulnerability, causes of poverty and poverty measures. Analyse the poverty estimate of the country and even globally."	20		
		A					
2	2	T	Vulnerability		20		
		A					
3	3	T	Poverty line and allieviation		20		
		A					

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Gravitation & Gravity, Centripetal Force - Centrifugal force	This will demonstrate effects of gravitational force on bodies on same/different planets.	20		
		A	-----				
	2	T	Newton's law of Gravitation, Define 'G', Unit of 'G'				
		A	-----				
	3	T	Test Yourself - 01 : Q. 1, 4, 2 (C.W.), Q. 3 (H.W.)				
		A	-----				
	4	T	Test Yourself - 01 : Q. 7, 8, 6 (C.W.), Q. 9 (H.W.)				
		A	Assesment - 01				
	5	T	Free Fall, Acceleration due to Gravity Derivation $g = GM/R^2$				
		A	-----				
	6	T	Derivation $g = GM/R^2$ (concludes) Value of $g = 9.8 \text{ m/s}^2$				
		A	-----				
	7	T	Distinguish between 'g' & 'G', Distinguish between 'Mass' & 'Weight'				
		A	-----				
	8	T	Prove $W_M = 1/6 W_E$, Revision + Additional Information				
		A	-----				
	9	T	Test Yourself - 02 : Q. 4, 8, 11, 12, 13, 16				
		A	-----				
	10	T	Test Yourself - 02 : Q. 9, 10, 14, 15				
		A	Assesment - 02				

Subject: **PHYSICS**

Chapter Name : **FORCES AND LAWS OF MOTIONS**

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Definition of Force, Effects of Force	This chapter will enable	20		
		A	-----				
	2	T	Resultant Force, Balanced and Unbalanced Force				
		A	-----				
	3	T	Inertia : Definition and Examples, Types : Intertia of Rest, Intertia of Motion				
		A	-----				
	4	T	Types : Intertia of Direction, Mass and Intertia				
		A	Assesment - 01				
	5	T	Newton's First law of Motion Momentum(p)				
		A	-----				
	6	T	Test Yourself - 01 : Q.1 - 9 (Theory) Q. 10, 11, 12 (C.W.)				
		A	Assesment - 02				
	7	T	Newton's Second Law of Motion, Derivation of $F = ma$				
		A	-----				
8	T	One Newton (Definition), Newton's First Law to be deduced from Second law					
	A	-----					
9	T	Test Yourself - 02 : Q.1, 2, 3, 4, 5					
	A	-----					
10	T	Test Yourself - 02 : Q.6, 7, 8, 9, 10, 11					
	A	Assesment - 03					
2	11	T	Newton's Third Law of Motion	To explain the relationship between force & motion	20		
		A	-----				
	12	T	Law of conservation of Momentum Derivation I (Newton's Second Law) \				
		A	-----				
	13	T	Derivation II (Newton's Third Law)				
		A	-----				
	14	T	Test Yourself - 03 : Q.1, 2 (C.W.) Q. 10, 3, 4, 8 (H.W.)				
		A	-----				
	15	T	Test Yourself - 03 : Q. 6, 5, 7, 9 (C.W.) NCERT Ex. 11 (H.W.)				
		A	Assesment - 04				

Subject: PHYSICS

Chapter Name : MOTIONS

Session No.	Lecture No.		Topic Covered	Objective	Sub. Paper	Obj. Paper	Remark
Schooling Syllabus Covered (NCERT)							
1	1	T	Rest, Motion, Rest & Motion are Relative Terms, Types of Motion	Students will learn and analyze the motion of object	20		
		A	-----				
	2	T	Physical Quantity : Scalar Quantities, Vector Quantities, Distance & Displacement				
		A	-----				
	3	T	Distance and Displacement (concludes)				
		A	-----				
	4	T	Speed & Velocity, Uniform and Non-uniform, Average Speed and Velocity				
		A	-----				
	5	T	Test Yourself - 01 : Q. 2, 3, 4, 5, 6, 9, 10(C.W.)				
		A	Assesment - 01				
	6	T	Test Yourself - 01 : Q. 7, 8 Miscellaneous Numericals				
		A	-----				
	7	T	Acceleration : Definition, Unit, Types				
		A	-----				
2	8	T	Test Yourself - 02 : Q. 1, 3, 5 (C.W.)		20		
		A	Assesment - 02				
	9	T	Distance Time Graph, Displacement Time Graph, Velocity - Time Graph				
		A	-----				
	10		Slope of Displacement - time gives velocity, Slope of velocity - time gives acceleration, Area under of velocity - time gives displacement				

	11	T	Equation of Motion (Derivation) 1 and 2 equation				
		A	-----				
	12	T	Equation of Motion (3rd Equation), Uniform Circular Motion				
		A	Assesment - 03				
	13	T	Test Yourself - 03 : Q. 1, 2, 4, 3 (C.W.)				
		A	-----				
	14		Test Yourself - 03 : Q. 5, 6 (C.W.),				

	15	T	Test Yourself - 03 : Q. 9, 10 (C.W.) Exercise : Q. 5, 6				
		A	-----				
16	T	Graph Based Question					
	A	Assesment - 04					