

J. SIKILE SCHOOL
YEAR PLAN OF STD.XII 2017-2018

GROUP I : ENGLISH, MATHEMATICS, PHYSICS, CHEMISTRY, BIOLOGY

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY
FEB	01.02.2017-15.02.2017	Writing skills 1) Letter to the Editor 2) Article writing 3) Tenses SCM : Article writing,	Part-1 – Chap.3 Matrices Pg.No.56-65 Exp. Pro.: 42-52 SCM: Concepts (Cha.3) Part-2 : Ch.10 Vector Algebra Introduction SCM : Concepts of Ch.10	Chap.1 Electric charges and fields. Prac.: Ohm's Law resistance per cm of wire.	Ch.1 The solid state T.B. Pg.No.1-32 Ex.Pro.Pgs.1-16	Ch.1 Reproduction in Organisms Ex.Pro. Pgs.1-8
	16.02.2017-28.02.2017	Letter to Editor, Writing Skills: 1) Advertisement 2) Notice writing SCM	Part-1 Chap.3 (Continued..) Pg.No.66-91 Exp. Pro.: 53-64 SCM : Properties Part-2 : Ch.10 Vector Algebra (Contd..) SCM: Concepts of Ch.10	Chap.1 Contd.....	Ch.2 Solutions T.B. Pg.No.33-46 Ex.Pro.Pgs.17-32	Ch.2 Sexual Reproduction in Flowering Plants Ex.Pro.: Pgs.9-11
MAR	01.03.2017-15.03.2017	Flamingo: Prose 1) The Last Lesson SCM : The Last Lesson Flamingo : Poetry 1) My Mother at Sixty six, SCM : My Mother at Sixty six Novel : Chap.1-3	Part-1: Chap.4 Determinants Pg.103-133 Exp.Pro.: 65-75 SCM : Properties on Chap.4 Part-2: Ch.10 Products of Vectors. SCM : Same concepts in modules Exp. Pro.: Pg.204-219	Chap.2) Electrostatic potential and capacitance Prac.: Meters Bridge specific resistance of a wire.	Ch.2 Solutions (Contd..) T.B.Pg.47-62	Ch.2 Sexual Reproduction in Flowering Plants Pgs.: 31-41
	16.03.2017-28.03.2017	Flamingo Prose 2) Lost Spring SCM: Lost Spring, Poetry-2 : An Elementary School SCM: An Elementary School Class room In A Slum, Reading Comprehension Factual Passage.	Chap.4 Contd... Pg.No.135-146 SCM : Chap.4 Exp.Pro.75-85	Chap.2 Contd..... Chap.3 Current electricity Prac.: Metro Bridge – resistances in series.	Ch.3 Electrochemistry Pg.No.63-70 Ex.Pro.: 33-46	Ch.3 Human Reproduction Ex.Pro. Pgs.12-23
APR	01.04.2017-15.04.2017	Flamingo : Prose 3) Deep Water SCM: Deep Water, Vistas 2 : The Tiger King.	Part-1: Chap.5 a) Continuity Pg.147-152 Exp.Pro.: 86-90 SCM : Continuity Part-2: Ch.11 3-D Geometry SCM : Concepts of 3-D Geometry	Chap.3 Contd.... Chap.4 Moving charges and magnetism. Prac.: 4) Metric Bridge resistance in parallel.	Ch.3 Electrochemistry T.B. Page 71-92	Ch.4 Reproductive Health Ex.Pro.Pgs.29-34
	16.04.2017-30.04.2017	Vistas-4 The Enemy Flamingo: Poetry 3) Keeping Quiet SCM : Keeping Quiet	Part-1 : Chap.5 (a) Continuation) Pg.153-160, Exp.Pro: 91-100 SCM : Rules on continuity Part-2: Ch.11 Contd... SCM : Some concepts of Ch.11 Exp.Pro.: Pg.220-240	Chap.4 Contd....	Ch.16 Chemistry in everyday life T.B. Pg.437-460 Ex.Pro.: Pgs.228-248	Ch.4 Reproductive Health Pgs.57-66 Ch.5 Principles of Inheritance and Variation Pgs.67-80 Ex.Pro.: Pgs.35-44

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY
JUN	12.06.2017-15.06.2017	R.S. : Descriptive Passages W.S. : Letters based on Verbal/Visual inputs, Business Skills Novel : The Invisible Man, Chap.4-9	Part-1: Chap.5(b) Differentiation Pg.161-165, Exp.101-116 SCM: Chap.5(b) Concepts.	Chap.5 – Magnetism and matter	Ch.6 General Principles and processes of isolation of elements T.B. 147-164 Ex.Pro : 77-89	Ch.5 Principles of Inheritance and Variation Pgs.81-93 Ch.6 Molecular Basis of Inheritance Pgs.95-99
	16.06.2017-30.06.2017	Flamingo : Prose-4 The Rattrap SCM: The Rattrap W.S. : Business or official letters	Part-1 Chap.5(b) Continued.. Pg.166-174, Exp. : 102-116 SCM : Properties on Ch.5 (b) Part-2 : Ch.12 Linear programming (L.P.) SCM : Concepts of L.P. Exp.Pg.: 241-257	Chap.5 Contd... Chap.6 – Electro Magnetic Induction Prac.: 5) Potentio meter – comparison of emf. 6) Potentiometer – Internal resistance of a cell.	Ch.7 The P block elements T.B. Pg.No.165 – 208 Prac.: Preparation of lyophilic sol and lyophobic sol Ex.Pro. : 90-104	Ch.6 Contd... Pgs.100-106 Ch.7 Evolution Pgs.126-142 Ex.Pro.: Pgs.45-50 Ch.8 Human Health and Diseases Pgs.143-164 Ex.Pro.: Pgs.51-60 Study of Pollen Germination on slide.
JUL	01.07.2017-15.07.2017	Vistas : 5) Should Wizard Hit Mommy SCM : Should Wizard Hit Mommy Novel : The Invisible Man Ch.10-12, W.S. Letters to the Editor.	Part-1 : Chap.5(b) Continued Pg.175-180, Exp.: 117-125 SCM: Derivations on Ch.5(b) Part-2 : Ch.13 Probability SCM : Same concepts	Chap.7 – Alternating current. Prac.: 7) Galvanometer – Figure of merit.	Ch.8 The d and f block elements T.B. Pg.No.209-236 Ex.Pro. : 101-119. Prac.: Separation of pigments From extracts of leaves and flowers by paper chromatography and determination of R _f value.	Le.9 Strategies of enhancement in food production Ex.Pro.: Pgs.61-68 Prac. Study of soil texture, Moisture content PH Water holding capacity.
	16.07.2017-23.07.2017	Flamingo : Prose 5) Indigo SCM : Indigo W.S. : Application for Job, Invitation and Article Writing	Part-1 Chap.5(b) continued Pg.181-184; Exp.126-130 SCM: Derivation of (UV) Part-2 : Ch.13 contd... (Probability) SCM : Ch.12 concepts Exp.Pg.: Pg.258-286	Chap.8 Electromagnetic waves 8) Focal length of Concave mirror..	Ch.9 Coordination compounds T.B. Pg.No.237-260 Prac.: Test for the functional groups present in organic compounds – Acetanilide Ex.Pro. : 120-132	Ch.10 Microbes in human welfare Ex.Pro. Pgs.69-74
24.07.2017 - 29.07.2017 : PERIODICAL TEST i						
AUG	01.08.2017-15.08.2017	Vistas: 6) On the face of It. SCM : On the face of It Novel : The Invisible Man Ch.13-19 Reading Comprehension: Literacy passage	Part-1 Chap.6 : Applications of derivatives Pg.194 (Rate of change) Exp.Pro.: 117-125 SCM: Concept on Rate of charge Part-2 : Ch.7 Integrals SCM : Concepts of Integrity	Chap.9 : Ray optics Prac.: 9) Focal length of convex mirror.	Ch.10 Halo Alkanes and Haloarenes T.B. Pg.No.281-314 Prac.: Test for the functional groups present in organic compounds A) Alcoholic and Carboxylic acids Ex>Pro.: 133-153	Ch.11 Biotechnology Principles and processes Prac.: 1) Pollination by different agencies 2) Permanent slide on pattern germination. Ex.Pro.: Pgs.75-81
	16.08.2017-31.08.2017	Vistas : 7) Evans Tries an O-level SCM : Evans Tries an O-level Vistas : 8) Memories of Childhood SCM : Memories of Childhood	Part-1 – Chap.6 contd... Pg.199 (Increasing & decreasing functions) Exp.Pro.: 126-130 SCM: Concepts Part-2 : Ch.7 Integrals (Contd..) SCM : Some concepts of Integrals Exp.Pro.: Pg.143-169	Chap.10 : Wave optics Prac.: Focal length of convex lens.	Ch.11 Alcohols, Phenols and Ethers T.B. Pg.No.315-348 Prac.: Test for the functional groups present in organic compounds B) Aldehydic and Alcoholic groups Ex.Pro.: 154 - 167	Ch.11 Biotechnology Principles and processes.Contd... Ex.Pro. Pgs.: 75-81 Prac>; Sec-A 1) Study of Water P ^H , clarity and presence of any living organism. 2) Study of presence of suspended particular matter in two different site.

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY	
SEP	01.09.2017-13.09.2017	Flamingo : Poetry-4 A Thing of Beauty SCM : A Thing of Beauty Flamingo : Prose 8) Going Places SCM : Going Places W.S. : Debate and Speech	Chap.6 Contd... Part-1 Pg.200-206 (tangents & normals) Exp.Pro.: 131-136 SCM: Concepts on tangents Part-2: Ch.8 Application of Integrals SCM : Concepts of Application of Integrals. Part-1 Chap.6 contd... Pg.207-216 (Approx & max, min.) Exp.Pro.: 137-142 SCM : Concepts on errors & opp.	Chap.11 Dual nature of radiation and matter. Prac: 11) Focal length of concave lens Chap.12 Atoms Prac.: Refractive index of liquid using convex lens.	Ch.12 Aldehydes, Ketones and Carboxylic acids T.B. Pg.No.349-380 Prac.: Characteristic tests of carbohydrates, fats and proteins in pure sample and their detections in given food stuff.	Ch.12 Biotechnology and its applications Ex.Pro.: 82-87 Prac. B Spotting development 2) Meiosis in onion bud.	
	14.09.2017 – 20.09.2017 : HALF YEARLY EXAMINATIONS						
	21.09.2017 – 02.10.2017 : DASARA VACATION						
OCT	03.10.2017-15.10.2017	Novel : The Invisible Man Ch.20-24 SCM : The Invisible Man W.S. : Report writing Flamingo : Poetry 6 Aunt Jennifer's Tigers SCM : Aunt Jennifer's Tigers W.S. : Very long answer type Q/A.	Part-2 : Ch.8 Contd.. (Application of Integrals) SCM : Some concepts of Ch.8 Exp.Pro.: Pg.170-178 Part-1 Chap.2 Inverse trigonometric functions. Part-2: Ch.9 Differential Equation (D.Eq.) SCM : Concepts of D.Eq.	Chap.13 – Nuclei Chap.14 – Semi conductor devices Prac.: 13) Prism – Angle of minimum deviation	Ch.13 Organic compounds containing Nitrogen T.B. Pg.No.381-402 of inorganic compounds – Potash Alum. Ex.Pro.: 18—201 Ch.14 Bio-molecules T.B. Pg.403-424 Ex.Pro.:202 – 216 Prac.: Volumetric Analysis I	Ch.13 Organisms and Population. Ex.Pro. Pgs.88-97 Prac. : Sec-A Study of the effect of different temperatures and PH on the activity of salivary amylase on starch.	
	16.10.2017-31.10.2017	Novel : The Invisible Man Ch.25-28 SCM : The Invisible Man	Part-1 – Chap.1 Relations & Functions Pg.1-19, Exp.Pro.: 1-17 SCM : Concept on Chap.01 Part-2 : Ch.9 Contd.... (D.Eq.) SCM : Concepts of D.Eq. Exp.Pro.: Pg.179-203	Chap.14 – Semi Conductor devices. Chap.15 – Communication systems Prac.: 14) P-n junction diode – characteristics.	Ch.15 Polymers T.B. Pg.425-438 Prac.: Volumetric Analysis II Ex.Pro.: 217-227	Ch.14 Ecosystem Ex.Pro. Pgs.98-105 Prac. : B) Spotting : Permanent slides of specimens of Ascaris, Entamoeba, plasmodium.	
NOV	01.11.2017-15.11.2017	Revision on Flamingo Question & Answers.	Chap.10 Pgs.424-441	Chap.14 Contd.... Prac.: Zenexdiode Characteristics	Ch.4 Chemical Kinetics T.B. Pg.No.93-120 Prac.: Salt Analysis I Ex.Pro. : 47-62	Ch.15 Biodiversity and Conversation Ex.Pro. Pgs.106-112 Pract: Isolate DNA from available plant materials such as spinach, green pea, papaya seeds etc.	
	16.11.2017-30.11.2017	Revision on Vistas Question and Answers.	Ch.11 Pgs.463-492	Chap.15 : Communication Systems 15) Zener diode characteristics.	Ch.5 Surface Chemistry T.B. Pgs.121-146 Prac. : Salt analysis II	Ch.16 Environmental issues Ex.Pro.: 113-120 Prac.: B) Spotting 1) Two plants and animals found in xeric condition. 2) Plants and animals found in aquatic condition.	

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY
DEC	01.12.2017- 15.12.2017	Revision on Reading Skills	Revision	Revision	Prac.: Salt analysis III, IV	Revision
	16.12.2017 - 22.12.2017 : PERIODICAL TEST II					
	23.12.2017 – 01.01.2018 : CHRISTMAS VACATION					
JAN	02.01.18 To 06.01.18	Revision	Revision	Revision	Revision	Revision
	08.01.18 To 12.01.18	Revision	Revision	Revision	Revision	Revision
	13.01.18 To 16.01.18	Revision	Revision	Revision	Revision	Revision
	17.01.18 To 20.01.18	Revision	Revision	Revision	Revision	Revision
	22.01.18 To 29.01.18	Revision	Revision	Revision	Revision	Revision
TEACHER'S SIGN		<i>RF 20/6/17</i>	<i>P 20/6/17</i>	<i>R.K. 20/6/17</i>	<i>J.S. 20/6/17</i>	<i>S 20/6</i>

J. Meena kumari
PRINCIPAL: 20/06/17

