


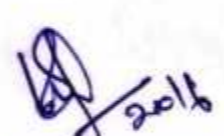
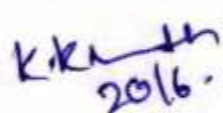
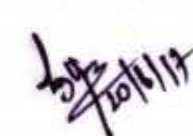

J. SIKILE SCHOOL
YEAR PLAN OF STD.XII 2017-2018

GROUP 3 : ENGLISH, BIOLOGY, PHYSICS, CHEMISTRY, COMPUTER SCIENCE

MONTH	Fortnight Dates	ENGLISH	BIOLOGY	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
FEB	01.02.2017-15.02.2017	Writing skills 1) Letter to the Editor 2) Article writing 3) Tenses SCM : Article writing,	Ch.1 Reproduction in Organisms Ex.Pro. Pgs.1-8	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	---
	16.02.2017-28.02.2017	Letter to Editor, Writing Skills: 1) Advertisement 2) Notice writing SCM	Ch.2 Sexual Reproduction in Flowering Plants Ex.Pro.: Pgs.9-11	Chap.1 Contd.....	Ch.2 Solutions T.B. Pg.No.33-46 Ex.Pro.Pgs.17-32	---
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	Ch.2 Sexual Reproduction in Flowering Plants Pgs.: 31-41	Chap.2) Electrostatic potential and capacitance Prac.: Meters Bridge specific resistance of a wire.	Ch.2 Solutions (Contd.) T.B.Pg.47-62	---
	16.03.2017-28.03.2017	Flamingo Prose 2) Lost Spring SCM: Lost Spring, Poetry-2 : An Elementary School SCM: An Elementary School Classroom In A Slum, Reading Comprehension Factual Passage.	Ch.3 Human Reproduction Ex.Pro. Pgs.12-23	Chap.2 Contd..... Chap.3 Current electricity Prac.: Metro Bridge – resistances in series.	Ch.3 Electrochemistry Pg.No.63-70 Ex.Pro.: 33-46	---
APR	01.04.2017-15.04.2017	Flamingo : Prose 3) Deep Water SCM: Deep Water, Vistas 2 : The Tiger King.	Ch.4 Reproductive Health Ex.Pro.Pgs.29-34	Chap.3 Contd.... Chap.4 Moving charges and magnetism. Prac.: 4) Metric Bridge resistance in parallel.	Ch.3 Electrochemistry T.B. Page 71-92	---
	16.04.2017-30.04.2017	Vistas-4 The Enemy Flamingo: Poetry 3) Keeping Quiet SCM : Keeping Quiet	Ch.4 Reproductive Health Pgs.57-66 Ch.5 Principles of Inheritance and Variation Pgs.67-80 Ex.Pro.: Pgs.35-44	Chap.4 Contd....	Ch.16 Chemistry in everyday life T.B. Pg.437-460 Ex.Pro.: Pgs.228-248	---

MONTH	Fortnight Dates	ENGLISH	BIOLOGY	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
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	Ch.5 Principles of Inheritance and Variation Pgs.81-93 Ch.6 Molecular Basis of Inheritance Pgs.95-99	Chap.5 – Magnetism and matter	Ch.6 General Principles and processes of isolation of elements T.B. 147-164 Ex.Pro : 77-89	Unit : 1 Object Oriented Programming in C++ Topic: - Review of Class XI - Object oriented programming. Implementation of object oriented programming concepts in C++
	16.06.2017-30.06.2017	Flamingo : Prose-4 The Rattrap SCM: The Rattrap W.S. : Business or official letters	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.	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	Unit : 1 Object Oriented Programming in C++ Topic: - Review of Class XI - Object oriented programming. Implementation of object oriented programming concepts in C++
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.	Le.9 Strategies of enhancement in food production Ex.Pro.: Pgs.61-68 Prac. Study of soil texture, Moisture content PH Water holding capacity.	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 Rf value.	Unit : 1 Object Oriented Programming in C++. Topic: - Constructor and Destructor - Destructor Inheritance (Extending classes)
	16.07.2017-23.07.2017	Flamingo : Prose 5) Indigo SCM : Indigo W.S. : Application for Job, Invitation and Article Writing	Ch.10 Microbes in human welfare Ex.Pro. Pgs.69-74	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	Unit : 1 Object Oriented Programming in C++ Topic: - Data file handling - Text file Binary file
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	Ch.11 Biotechnology Principles and processes Prac.: 1) Pollination by different agencies 2) Permanent slide on pattern germination. Ex.Pro.: Pgs.75-81	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	Unit : 1 Object Oriented Programming in C++ 2 Data Structures Topics : - Pointers Arrays
	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	Ch.11Biotechnology 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.	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	Unit 2 Data Structures Topic: - Stack Queue

MONTH	Fortnight Dates	ENGLISH	BIOLOGY	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
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	Ch.12 Biotechnology and its applications Ex.Pro.: 82-87 Prac. B Spotting development 2) Meiosis in onion bud.	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.	Unit 3 Databases and SQL Topic: - Database concepts - Relational data model - Relational algebra - Structured query language - General concepts - Data types
	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.	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.	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	Unit 3 : Databases and SQL Topic: - SQL commands SQL functions
	16.10.2017-31.10.2017	Novel : The Invisible Man Ch.25-28 SCM : The Invisible Man	Ch.14 Ecosystem Ex.Pro. Pgs.98-105 Prac. : B) Spotting : Permanent slids of specimens of Ascaris, Entamoeba, plasmodium.	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	Unit 4 : Boolean Algebra Topic: Role of logical operations in computing.
NOV	01.11.2017-15.11.2017	Revision on Flamingo Question & Answers.	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.	Chap.14 Contd.... Prac.: Zenexdiode Characteristics	Ch.4 Chemical Kinetics T.B. Pg.No.93-120 Prac.: Salt Analysis I Ex.Pro. : 47-62	Unit 4 : Boolean Algebra Topic: - Role of logical operations in computing. - Sum of products product of sum Unit 5 : Communication Technologies Topic: - Evolution of Networking Data Communication terminologies Applications of Boolean logic
	16.11.2017-30.11.2017	Revision on Vistas Question and Answers.	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.	Chap.15 : Communication Systems 15) Zener diode characteristics.	Ch.5 Surface Chemistry T.B. Pgs.121-146 Prac. : Salt analysis II	Unit 5 : Communication Technologies Topic: Contd.. - Transmission media - Network devices - Network topologies & types - Network protocol - Mobile Telecommunication Technologies - Network security concepts Introduction to web services

MONTH	Fortnight Dates	ENGLISH	BIOLOGY	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
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.						

G. Meena Kumari
PRINCIPAL: 20/06/17

