
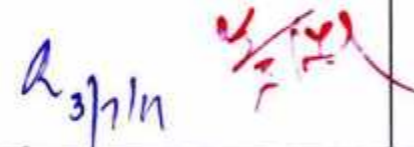





J. SIKILE SCHOOL
YEAR PLAN OF STD.XI 2017-2018

Group 2 English, Mathematics, Physics, Chemistry, Computer Science.

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
JUN	12.06.2017-30.06.2017	Hornbill : 1) The Portrait of a Lady Poem : A Photograph Writing Skills : 1) Note – making, 2) Summarising Reading Comprehension : Factual passage.	Part-1 Ch.1 Sets Pgs.1-21 Part-2 Ch.10 Straight line Pgs.203-212	Ch.1 Physical World Pgs.1-10 Ch.2 Units and Measurements Pgs.16-32 Prac.: 1) To measure diameter of a small spherical body and to measure internal diametric depth of beaker. Using vernier calipers. 2) To measure diameter of given wire and thickness of given sheet using a screw guage.	Ch.1 Basic concepts of Chemistry : Ch.2 Structure of an atom Lab : Basic laboratory techniques.	Unit-1 Computer Fundamentals Topic: Classification of Computers to Application software.
JUL	01.07.2017-15.07.2017	Snapshots : 1) The summer of the Beautiful white Horse. Novel : Ch.I, II, III, Determiners	Part-1 Ch.2 Relations and Functions Pgs.30-36 Part-2 Ch.10 Contd.... Pgs.213-225 SCM : Relations and Functions	Ch.3 Motion in a straight line Pgs.39-51 Prac.: 3) To determine the volume of irregular lamina using screwguage.	Ch.3 Classification of Elements and periodicity in properties Lab practical : Characterization and purification of chemical substances. I) Copper sulphate	Unit-1 Computer Fundamentals Topic: Number system to primary memory.
	16.07.2017-23.07.2017	Hornbill : 2) We're Not Afraid to Die... if We Can All Be Together Reading comprehension Discursive Passages.	Part-1 Ch.3 Trigonometric Functions Pgs.49-50 Part-2 Ch.11 Conic Sections Pgs.236-240 SCM : Trigonometric Functions	Ch.4 Motion I aplane Pgs.65-79. Prac.: 4) To determine radius of curvature of given spherical surface by spherometer	Ch.4 Chemical Bonding and Molecular structure Lab Practical : Characterization and purification of chemical substances ii) Benzoic acid	Unit-1 Computer Fundamentals Unit-2 Programming Methodology Secondary Memory to General concepts.
24.07.2017 – 29.07.2017 : PERIODICAL TEST I						
AUG	01.08.2017-15.08.2017	Snapshots : 2) The Address, 3) Ranga's Marriage Novel : Ch. IV, V, VI Writing skills : 3) Sub-titling, Tenses	Part-1 Ch.3 Contd... Pgs.51-74 Part-2 Ch.11 Contd... Pgs.241-255 SCM : Ch.11 Conic Sections	Ch.5 Laws of motion Pgs.89-105 Ch.6 Work energy power Pgs.114-129 Prac.: 5) To determine the mass of two different objects using a beam balance.	Ch.5 States of matter Lab Practical : Experiments based upon PH.	Unit-2 Programming Methodology Topic: Problem solving methodologies Problem solving
	16.08.2017-31.08.2017	Hornbill : 3) Discovering Tut : the Saga continues Novel : Ch.VII, VIII, IX Writing skills : 4) Essay – Writing, Modals	Part-1 Ch.4 Principle of Mathematical Induction Pgs.86-88 Part-2 Ch.12 Introduction to 3D Pgs.268-273 SCM : Ch.1	Ch.7 System of particles and rotational motion Pgs.141-173 Prac.: 6) Using simple pendulum, plot its LT^2 graph and use it to find the effective length of pendulum.	Ch.6 Thermodynamics Lab Practical : Experiments based upon PH.	Unit-3 Introduction to C++ Topic: Getting started

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
SEP	02.09.2017-13.09.2017	Hornbill : Poem : The Voice of the Rain Snapshots : 4) Albert Einstein at School Writing skills : Letter-Writing, PSA Pgs.20-23.	Part-1 Ch.5 Complex Numbers and Quadratic Equations Pgs.97-108 Part-2 Ch.13 Limits and Derivatives Pgs.281-303 SCM : Ch.13	Ch.8 Gravitation Pgs.183-197 Prac.: 7) To study variation of time period of a simple pendulum of a given length by taking bobs off.	Ch.7 Equilibrium Lab Practical : Chemical Equilibrium I & II	Unit-3 Introduction to C++ Topics: Data types, variables and constants, Operators and Expressions
14.09.2017 – 20.09.2017 : HALF YEARLY EXAMINATIONS						
21.09.2017 – 02.10.2017 : DASARA VACATION						
OCT	03.10.2017-15.10.2017	Hornbill: 5) The Ailing Planet : The Green Movement's Role Snapshots: 5) Mother's Day, corrections.	Part-1 Ch.6 Linear inequalities Pgs.116-127 Part-2 Ch.14 Mathematical Reasoning Pgs.321-339 SCM : Ch.6	Ch.9 Mechanical properties of solids Ps.231-261 Prac.: 8) To study the relationship b/w force of limiting friction and normal reaction and to find the coeff of friction b/w block is horizontal enforce.	Ch.8 Redox reactions Lab Practical : Quantitative Analysis I	Unit-4 Programming in C++ Topics : Flow of control, built in functions.
	16.10.2017-31.10.2017	Hornbill : 6) The Browning version. Novel : Ch.X, XI, XII Clauses	Part-1 Ch.7 Permutations and Combinations Pgs.134-148 Part-2 Ch.15 Statistics Pgs.347-360 SCM : Ch.7	Ch.11 Thermal properties of matter Pgs.274-290 Prac.: 9) To find the force constant of a helical spring by plotting graph b/w load and extension.	Ch.9 Hydrogen Lab Practical : Quantitative Analysis II Ch.14 Environmental Chemistry	Unit-4 Programming in C++ Topic: User defined functions
NOV	01.11.2017-15.11.2017	Hornbill : Poem : Childhood Snapshots : 6) The Ghat of the Only World PSA Pg.No.23-26, Novel : Chapters XIII, XIV, XV.	Part-1 Ch.8 Binomial Theorem Pgs.160-167 Part-2 Ch.15 Contd... Pgs.361-372 SCM : Ch.8	Ch.12 Thermal dynamics Pgs.____ Ch.13 Kinetic theory Prac.: 10)To study the variation in volume with pressure for a sample of air at constant temp. by plotting graph b/w p & v and p & 1/v.	Ch.10 S. Block elements Lab Practical : Qualitative Analysis I	Unit-4 Programming in C++ Topic: Arrays
	16.11.2017-30.11.2017	Editing Tasks Snapshots : 7) Birth, Reordering Sentences.	Part-1 Ch.9 Sequences and Series Pgs.177-180 Part-2 Ch.16 Probability Pgs.383-394 SCM : Ch.16	Ch.14 Oscillations Prac.: 11)To study the relationship b/w the temperature of a hot body and time by plotting a cooling core. 12)To study the relationship b/w the frequency and length of a given wire under comfort tension using sonometer.	Ch.11 The P-block elements Lab Practical : Qualitative Analysis II	Unit-4 Programming in C++ Topic: User defined datatypes

MONTH	Fortnight Dates	ENGLISH	MATHEMATICS	PHYSICS	CHEMISTRY	COMPUTER SCIENCE
DEC	01.12.2017- 11.12.2017	P.S.A. Pgs.No.27-29 Novel : Chapters XVI, XVII	Part-1 Ch.9 Contd... Pgs.181-194 Part-2 Ch.16 Contd... Probability Theorems. SCM : Ch.9	Ch.15 Waves Prac.: 13)To study the relation b/w the length of a given wire and tension for a constant frequency using sonometer. 14)To find the speed of sound in air at room temperature using resonance tube by two resonance position.	Ch.12 Organic Chemistry – Some basic principles and techniques. Lab Practical : Qualitative Analysis III Ch.13 Hydro Carbons Lab Practical : Qualitative Analysis IV	Unit-4 Programming in C++, user defined data types. Project
	12.12.2017 – 15.12.2017	Revision	Revision	Revision	Revision	Revision
16.12.2017 - 22.12.2017 : PERIODICAL TEST II						
23.12.2017 – 01.01.2018 : CHRISTMAS VACATION						
	02.01.18 To 11.01.18	Revision	Revision	Revision	Revision	Revision
JAN	12.01.2018 - 16.01.2018 : PONGAL HOLIDAYS					
	18.01.2018 - 27.01.2018 : FINAL EXAMINATIONS					
FEB	01.02.2018 : XII CLASSES COMMENCE					
TEACHER'S SIGN.						

Dr. Meena Kumar
03/07/17
PRINCIPAL:

