

METAS ADVENTIST SCHOOL

ATHWALINES, SURAT

SYLLABUS: 2017-2018

CLASS: XI

SUBJECT: BIOLOGY

MONTH	LESSON NO.	DESCRIPTION
JUNE	1	The living world
	2	Biological classification- five kingdom classification
JULY	23	Digestion and Absorption
	24	Breathing and exchange of gases
	25	Body fluids and circulations
	14	Enzymes
AUGUST	15	Cell cycle and cell division.
Portion for First Term Exam: LESSON NO:- 1, 2, 23, 24, 25, 14,15		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	3	Kingdom Monera
	4	Kingdom Protista
	5	Kingdom Fungi
	16	Transport of plants.
OCTOBER	19	Cellular respiration in plants
	20	Plant growth and development.
NOVEMBER	21	Seed Dormancy
	22	Photomorphogenesis in plants
	12	Cell-The unit of life.
	13	Biomolecules.
DECEMBER		II TERM EXAMS
Portion for Second Term Exam: LESSON NO- 3,4,5,16,19,20,21,22,12,13.		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	6	Plant Kingdom
	8	Morphology of flowering plants
	9	Anatomy of flowering plants-Plant tissues
	7	Animal Kingdom.
FEBRUARY	10	Structural Organisation in animals- Animal tissues.
	26	Excretory products and their elimination
	27	Locomotion and movement
	28	Neural control and co-ordination
MARCH	29	Chemical co-ordination and integration.
	18	Photosynthesis in higher plants.
Portion for Final Exam: LESSON NO:- 6, 7, 8, 9, 10, 26, 27, 28, 29		

CLASS: XI**SUBJECT: PHYSICS**

MONTH	LESSON NO.	DESCRIPTION
JUNE	1	Physical world
	2	Measurements and Units
	3	Errors
	4	Significant Figures
	5	Dimensions
JULY	8	Vectors
	7	One Dimensional Motion
	9	Motion in a Plane
	10	Relative Velocity
	11	Newton's Laws of Motion
AUGUST	12	Statics
		REVISION FIRST TERM EXAMINATION
FIRST TERM PORTION : LESSON NO:- 2 to 12		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	13	Friction
	14	Dynamics of Circular Motion
	15	Work, Energy and Power
	16	Conservation of Linear Momentum
OCTOBER	17	Centre of Mass
	18	Rotational Motion-I
NOVEMBER	19	Rotational Motion-II
	20	Gravitation
	21	Elasticity
	23	Fluids in Motion
DECEMBER	24	Surface Tension
		REVISION SECOND TERM EXAMINATION
SECOND TERM PORTION: LESSON NO- 13 to 24 (Except Ch: 22)		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	27	Thermal Conduction
	28	Thermal Radiation
	29	First Law of Thermodynamics
	30	Second Law of Thermodynamics
	32	Oscillations
FEBURARY	32	Oscillations
	33	Free and Forced vibration, REsonance
	34	Waves in 1-D
	35	Wave Properties
	36	Superposition of Waves - I
MARCH	37	Superposition of Waves- II
	38	Sound Waves
	31	Kinetic Theory of Gases
FINAL TERM PORTION : LESSON NO:- 27 to 38		

CLASS: XI**SUBJECT: CHEMISTRY**

MONTH	LESSON NO.	DESCRIPTION
JUNE	1	Some Basic Concepts Of Chemistry
JULY	12 8	Organic chemistry Redox reactions
AUGUST	8	Redox reactions
Portion for First Term Exam: LESSON NO:- 1, 8 ,12		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	2 3	Structure of atom Classification of elements and periodicity in properties
OCTOBER	3	Classification of elements and periodicity in properties
NOVEMBER	4 13	Chemical bonding and molecular structure Aliphatic and aromatic hydrocarbons
DECEMBER	10	s-block elements
Portion for Second Term Exam: LESSON NO- 2,3,4,13,10		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	11 5 6	Some p-block elements(group 13 &14) States of matter(gases and liquids) Chemical thermodynamics
FEBRUARY	7(A) 7(B)	Chemical equilibrium Ionic equilibrium
MARCH	9 14 1(xii std)	Hydrogen Environmental chemistry Solid
Portion for Final Exam: LESSON NO:- 5, 6, 7, 9, 11, 14		

CLASS: XI**SUBJECT: MATHS**

MONTH	LESSON NO.	DESCRIPTION
JUNE	1	SETS
	2	RELATIONS AND FUNCTIONS
	3	ANGLES AND ARC LENGTHS
JULY	4	TRIGONOMETRICAL FUNCTIONS
	12	PERMUTATIONS AND COMBINATIONS
	18	LIMITS
	19	DIFFERENTIATION
AUGUST	23	PARABOLA(SCI)
	28	STATISTICS(COM)
FIRST TERM PORTION : LESSON NO:-1,2,3,4,12,18,19,23,28		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	5	COMPOUND AND MULTIPLE ANGLES
	6	TRIGONOMETRIC EQUATIONS
	10	QUADRATIC EQUATIONS
OCTOBER	11	INEQUALITIES
	15	BASIC CONCEPTS OF POINTS AND THEIR CO - ORDINATES
NOVEMBER	13	BINOMIAL THEOREM
	9	COMPLEX NUMBERS
	16	THE STRAIGHT LINE
	24	ELLIPSE(SCI)
	29	CORRELATION ANALYSIS(COM)
DECEMBER		REVISION
SECOND TERM PORTION: LESSON NO- 5,6,10,11,15,13,9,16,24,29		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	7	PROPERTIES OF TRIANGLE
	14	SEQUENCE AND SERIES
	17	CIRCLES
FEBURARY	20	MEASURES OF CENTRAL TENDENCY
	21	MEASURES OF DISPERSION
	22	PROBABILITY
	8	MATHEMATICAL INDUCTION
MARCH	25	HYPERBOLA(SCI)
	30	INDEX NUMBERS AND MOVING AVERAGE
	26	POINTS AND THEIR CO ORDINATES IN 3-D(SCI)
FINAL TERM PORTION : LESSON NO:-7,14,17,20,21,22,8,25,30,26		

MONTH	LESSON NO.	DESCRIPTION
JUNE	CHAPTER 1. CHAPTER 2. POEM 1. GRAMMAR	SALVATORE FRITZ THE DARKLING THRUSH DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION
JULY	POEM 2. POEM 3. CHAPTER 3 GRAMMAR	BIRCHES THE DOLPHINS QUALITY DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION
AUGUST	POEM 2. POEM 3. CHAPTER 3 GRAMMAR	BIRCHES THE DOLPHINS QUALITY DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION
FIRST TERM PORTION :		
<p>ECHOES : A COLLECTION OF SHORT STORIES - 1,2,3</p> <p>REVERIE : A COLLECTON OF POEMS - 1,2,3</p> <p>GRAMMAR : DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION</p>		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	CHAPTER 4 CHAPTER 5 POEM 4 POEM 5 THE TEMPEST GRAMMAR	TO BUILD A FIRE THE STORY OF AN HOUR THE GIFT OF INDIA CROSSING THE BAR ACT 1 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPREHENSIO
OCTOBER	POEM 6 CHAPTER 6 GRAMMAR THE TEMPEST	JOHN BROWN THE CHINESE STATUE DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPREHENSION ACT 1
NOVEMBER	CHAPTER 7 CHAPTER 8 POEM 7	A GORILLA IN THE GUEST ROOM THE SINGING LESSON DESITERATA

	POEM 8 THE TEMPEST GRAMMAR	DOVER BEACH ACT 1 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPREHENSION
DECEMBER	CHAPTER 7 CHAPTER 8 POEM 7 POEM 8 THE TEMPEST GRAMMAR	A GORILLA IN THE GUEST ROOM THE SINGING LESSON DESITERATA DOVER BEACH ACT 1 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION
SECOND TERM PORTION:		
ECHOES : A COLLECTION OF SHORT STORIES- 4,5,6,7,8,		
REVERIE :A COLLECTION OF POEMS - 4,5,6,7,8 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS		
THE TEMPEST ACT 1 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPREHENSION		
DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS COMPOSITION		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	CHAPTER 9 CHAPTER 10 POEM 9 POEM 10 THE TEMPEST TOTAL ENGLISH GRAMMAR	THE SPIDER AND THE FLY WE ARE THE MUSIC MAKERS THE SOUND MACHINE B. WORDSWORTH ACT 2 UNIT 3,4,5, DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS REPORT WRITING B.SWORTH ACT 1 REPORT WRITING
FEBURARY	THE TEMPEST TOTAL ENGLISH GRAMMAR	ACT 2 UNIT 6 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF

		WORDS REPORT WRITING
MARCH	THE TEMPEST TOTAL ENGLISH GRAMMAR	ACT 2 UNIT 6,7 DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS REPORT WRITING
FINAL TERM PORTION: ECHOES : A COLLECTION OF SHORT STORIES - 1,8, 9,10 REVERIE : A COLLECTION OF POEMS - 1,8, 9,10 THE TEMPEST : ACT- 2 GRAMMAR : DO AS DIRECTED PREPOSITIONS CORRECT FORM OF WORDS REPORT WRITING		

CLASS: XI

SUBJECT: MORALS

MONTH	LESSON NO.	DESCRIPTION
JUNE	1	You and your life
	2	Opportunities and challenges of your life
JULY	3	Art of helping others
	4	Resources to get help
	5	Bible-the best guide for you
AUGUST	6	Know yourself
Portion for First Term Exam: LESSON NO:-1,2,3,4,5,6		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	7	Secrets of overcoming circumstances
	8	Overcome temptations
OCTOBER	9	Be healthy
NOVEMBER	10	The way to clear thinking
	11	Mature thinking
DECEMBER	12	True courtesy
Portion for Second Term Exam: LESSON NO- 7, 8,9,10,11,12		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	13	Understanding your personality
	14	Elements of success
	15	Education for life
FEBRUARY	16	Education after living school
	17	Development of talents
MARCH	18	Money management
Portion for Final Exam: LESSON NO:-13,14,15, 16,17,18		

CLASS: XI**SUBJECT:COMPUTER**

MONTH	LESSON NO.	DESCRIPTION
JUNE	CH-9	Introduction Java
	CH- 10	Java Fundamentals
JULY	CH-1	Data Representation
	CH-2	Computer Structure
	CH – 11	Flow Of Control
AUGUST	CH-3	Basic Architecture of a simple processor and its instruction set
FIRST TERM PORTION :		
CH-1-Data Representation CH-2 –Computer Structure CH-3- Basic Architecture of a simple processor and its instruction set CH- 9-Introduction java CH – 10 – Java fundamentals CH-11-Flow of Control CH-12-Classes in Java		
Practical Exam: - Java		

MONTH	LESSON NO.	DESCRIPTION
SEPTEMBER	CH – 13	Function
	CH – 8	General OOP Concept
	Ch-12	Classes in java
OCTOBER	CH-14	Using Library Classes
	CH – 15	Arrays
NOVEMBER	CH – 15	Arrays
	CH-5	Memory
	CH-6	System and Other Software

DECEMBER	CH-15	Arrays
<p>SECOND TERM PORTION:</p> <p style="text-align: center;">CH-5 Memory</p> <p style="text-align: center;">CH-6 System and other software</p> <p style="text-align: center;">CH-8- General OOP concept</p> <p style="text-align: center;">CH-12 classes in java</p> <p style="text-align: center;">CH – 13–Functions</p> <p style="text-align: center;">CH- 14-Using Library Classes</p> <p style="text-align: center;">CH--15--Arrays</p> <p style="text-align: center;">(including I-term Portion also)</p> <p>Practical Exam: - JAVA</p>		

MONTH	LESSON NO.	DESCRIPTION
JANUARY	CH – 4	Propositional Logic & Hardware
FEBURARY	CH – 20	String
MARCH	CH – 20 CH-17	String Simple Data Structure
<p>FINAL TERM PORTION :</p> <p>Chapter - 4 Propositional Logic & Hardware</p> <p>Chapter-17 Simple Data Structure</p> <p>Chapter -20 String</p> <p>Practical Exam: - JAVA</p> <p>(Including I-term & II-term Portion also)</p>		