

ENGLISH

MONTHS	CONTENTS
APRIL	THE LAST LESSON (FLAMINGO)
	MY MOTHER AT SIXTY SIX (FLAMINGO)
	THE TIGER KING (VISTAS)
	THE INVISIBLE MAN (CHAPTER 1-5)
	ADVERTISEMENTS, NOTICE, REPORT WRITING
	POSTER ,NOTE MAKING
JUNE-JULY	LOST SPRING(F)
	AN ELEMMENTARY SCHOOL CLASSROOM IN SLUM (F)
	THE ENEMY (V)
	DEEP WATER(F)
	KEEPING QUIET (F)
	SHOULD WIZARD HIT MOMMY? (VISTAS)
	THE INVISIBLE MAN (CHAPTER 6-10)
	WRITING : LETTER WRITING,JOB APPLICATIONS,
AUGUST - SEPTEMBER	UNIT TEST I CH 1,2,3(FLEMINGO) POEM 1,2,3(FLEMINGO) CH 1,2,3 (VISTAS) CH 1TO 10 (THE INVISIBLE MAN)
	A THING OF BEAUTY (F)
	THE RATRAP (F)
	ON THE FACE OF IT(V)
	THE INVISIBLE MAN (CHAPTER 11-17)
	WRITING: FACTUAL DESCRIPTION ,NOTE MAKING
OCTOBER- NOVEMBER	HALF YEARY EXAM CH 1,2,3,4,5(FLEMINGO) POEM 1,2,3,4,5 (FLEMINGO) CH 1,2,3,4,5 (VISTAS) CH 1 TO 17 (THE INVISIBLE MAN)

WRITING (FULL SYLLABUS)

INDIGO(F)

AUNT JENNIFER'S TIGERS(F)

EVANS TRIES AN O'LEVEL(V)

GOING PLACES (F)

MEMORIES OF CHILDHOOD(V)

THE INVISIBLE MAN (CH18-28)

WRITING;LETTER (INVITATION,REPLY,ENQUIRY)

DECEMBER

REVISION/PRE-BOARD-1

JANUARY

REVISION/PRE-BOARD-2

FEBRUARY

DOUBT-CLEARING CLASSES

MARCH

AISSCE 2018-19

MATHEMATICS

MONTH	UNITS / CONTENTS
APRIL	03. MATRICES 04. DETERMINANTS
JUNE JULY	01. RELATIONS AND FUNCTIONS 02. INVERSE TRIGONOMETRIC FUNCTIONS 05. CONTINUITY AND DIFFERENTIABILITY 06. APPLICATION OF DERIVATIVES
AUGUST	06. APPLICATION OF DERIVATIVES (CONTINUED) 07. INTEGRALS UNIT TEST 1 (PORTION 1,2,3,4)
SEPTEMBER	08. APPLICATION OF INTEGRALS 09. DIFFERENTIAL EQUATION. 10. VECTOR ALGEBRA
OCTOBER	10. VECTOR ALGEBRA (CONTINUED) 11. 3-D GEOMETRY
NOVEMBER	13. PROBABILITY 12. LINEAR PROGRAMMING PROBLEMS
DECEMBER	13. PROBABILITY (CONTINUED) PRE BOARD – (PORTION FULL SYLLABUS)
JANUARY	REVISION, PRE-BOARD: 01, PORTION: FULL SYLLABUS
FEBRUARY	REVISION- DISCUSSION AND EXPLANATION OF VARIOUS TYPES OF QUESTION RELATED WITH
MARCH	AISSCE (LAST 5 YEARS) AND DOUBT CLEARING CLASSES. AISSCE: 2016-17

BIOLOGY

MONTH	UNIT	UNITS NAME	CHAPTER S	CHAPTERS NAME
	UNIT-VI	REPRODUCTION		
APR			1	REPRODUCTION IN ORGANISM.
APR			2	SEXUAL REPRODUCTION IN FLOWERING PLANTS
JUNE			3	HUMAN REPRODUCTION.
JUNE			4	REPRODUCTIVE HEALTH.
	UNIT-VII	GENETICS AND EVOLUTION		
JULY			5	PRINCIPLES OF INHERITANCE & VARIATION
JULY			6	MOLECULAR BASIC OF INHERITANCE
AUG			7	EVOLUTION.
UNIT TEST I PORTION : REPRODUCTION CHP-01-04				
	UNIT-VIII	BIOLOGY IN HUMAN WELFARE		
AUG			8	HUMAN HEALTH & DISEASES.
HALF YEARLY EXAM PORTION: CH 1,2,3,4,5,6,7,8				
SEPT.			9	STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION
OCT			10	MICROBES IN HUMAN WELFARE
	UNIT-IX	BIO-TECHNOLOGY		
OCT			11	. BIOTECHNOLOGY :- PRINCIPLES & PROCESSES

OCT			12	BIOTECHNOLOGY & ITS APPLICATION.
	UNIT-X	ECOLOGY		
NOV			13	. ORGANISMS & POPULATION
NOV			14	. ECOSYSTEM
NOV			15	. BIO-DIVERSITY & CONSERVATION
NOV			16	ENVIRONMENTAL ISSUES
DEC	REVISION	REVISION		REVISION
JAN	REVISION	REVISION		REVISION

PREBOARD-I(FULL PORTION)

JAN	REVISION	REVISION		REVISION
JAN & FEB	PREBOARD-II(FULL PORTION)			
				EXAMINATION

BIOLOGY PRACTICAL

MONTH	SECTION	EXPT NO	
APR	A	1	STUDY POLLEN GERMINATION ON SLIDE.
APR	B	1	STUDY OF FLOWER ADAPTED TO POLLINATION BY
			DIFFERENT AGENCIES (WIND , INSECT)
APR	B	2	STUDY OF POLLEN GERMINATION ON SLIDE
JUNE	A	2	COLLECT AND STUDY SOIL FROM ATLEAST
			TWO DIFFERENT SITES AND STUDY THESE FOR TEXTURE,
			MOISTURE CONTENT
			PH AND WATER HOLDING CAPACITY OF SOIL,
			CORRELATE WITH THE KIND OF PLANTS FOUND IN THEM
JUNE	A	3	COLLECT WATER FROM TWO DIFFERENT

			WATER
			BODIES AROUND YOU AND STUDY THE SAMPLE
			FOR PH,CLARITY,AND PRESENCE OF ANY
			LIVING ORGANISMS.
JULY	B	3	STUDY AND IDENTIFY STAGES OF GAMETE
			DEVELOPMENT I.E. T.S. OF TESTES AND T.S. OF OVARY
			THROUGH PERMANENT SLIDES (FROM ANY MAMMALS)
JULY	B	4	STUDY OF MEIOSIS IN ONION BUD CELL
			OR GRASS HOPPER TESTIS THROUGH PERMANENT SLIDE.
JULY	B	5	STUDY OF T.S. OF BLASTULA THROUGH
			PERMANENT SLIDE.
AUG	A	4	STUDY THE PRESENCE OF SUSPENDED PARTICULATE
			MATTER IN AIR AT THE TWO WIDELY DIFFERENT SITE.
AUG	A	5	STUDY OF PLANT POPULATION DENSITY BY QUADRAT
			METHOD.
AUG	B	6	STUDY MENDELIAN INHERITENCE
			USING SEEDS OF DIFFERENT COLOUR / SIZE OF ANY PLANT.
AUG	B	7	STUDY PREPARE PEDIGREE CHARTS OF GENETIC
			TRAITS SUCH AS ROLLING OF TONGUE ,BLOOD
			GROUP, WIDOW'S PEAK & COLOUR BLINDNESS.
SEP	A	5	PREPARE A TEMPORARY MOUNT OF ONION ROOT TIP TO
			STUDY MITOSIS.
SEP	B	8	EXERCISE ON CONTROLLED POLLINATION :
			EMASCULATION, TAGGING AND BAGGING.
SEP	B	9	TO IDENTIFY COMMON DISEASE CAUSING
			ORGANISMS LIKE ASCARIS , ENTAM-OEBA,
			PLASMODIUM, RING WORM THROUGH

			PERMANENT SLIDES OR SPECIEMEN,
			COMMENT UPON THE SYMPTOMS OF
			DISEASES THAT THEY CAUSE.
OCT	A	6	TO STUDY THE EFFECT OF THE DIFFERENT TEMPARATURE
			AND THREE PH ON THE ACTIVITY OF SALIVARY .
			AMAYLASE ON STARCH
OCT	B	10	STUDY TWO PLANTS AND TWO ANIMALS FOUND IN
			XERIC CONDITION,
			COMMENT UPON THEIR ADAPTATION / MORPHOLOGICAL
			FEATURES.
OCT	B	11	STUDY PLANTS AND ANIMALS FOUND IN AQUATIC
			CONDITIONS. COMMENT UPON THEIR
			ADAPTATION / MORPHOLOGICAL FEAUTURES.
NOV		12	REVISION OF ALL THE EXPERIMENTS & PROJECTS.
DEC		13	REVISION OF ALL THE EXPERIMENTS & PROJECTS.
JAN		14	REVISION OF ALL THE EXPERIMENTS & PROJECTS.
FEB		15	FINAL PRACTICAL EXAMS
FEB			&PREPARATION LEAVE

CHEMISTRY

MONTH	CONTENTS
APRIL	1. COMPOUNDS CONTAINING OXYGEN FUNCTIONAL GROUP. 2 .p-BLOCK 15 GROUP.
JUNE	2.p BLOCK 16,17,18 GROUP.
JULY	3. POLYMER. 4.d,f BLOCK. 5.CO-ORDINATION. COMPOUND
AUGUST	6.COMPOUNDS CONTAINING NITROGEN. 7.SURFACE CHEMISTRY 8.ALCOHOL ,PHENOL ÐER
UNIT TEST I PORTION 1,2,3	
SEPTEMBER	9.SOLUTION 10.CHEMICAL KINETICS HALF YEARLY EXAM PORTION :1,2,3,4,5,6,7,8,9
OCTOBER	11.ELECTROCHEMISTRY 12.CHEMISTRY IN OUR DAILY LIFE.
NOVEMBER	13.GENERAL PRINCIPLE S OF ISOLATION OF ELEMENTS. 14.BIOMOLECULES
DECEMBER	15.HALOALKANES AND HALOARENES. 16.SOLID STATE. PREBOARD-I(FULL PORTION)
JANUARY	REVISION
PREBOARD-II(FULL PORTION)	

CHEMISTRY PRACTICAL

MONTH	CONTENTS
JULY	SALT ANALYSIS.
AUGUST	SALT ANALYSIS.
SEPTEMBER	FUNCTIONAL GROUP DETECTION.
CTOBER	FUNCTIONAL GROUP DETECTION.
NOVEMBER	TITRATION.
DECEMBER	INVESTIGATORY PROJECT.

PHYSICS

MONTH	CONTENTS
MARCH /APRIL	UNIT - 1 ELECTROSTATICS
JUNE	UNIT - 2 CURRENT ELECTRICITY UNIT - 9 ELECTRONIC DEVICES SEMICONDUCTOR MATERIALS AND SIMPLE CIRCUITS)
JULY	UNIT-6 PART -1 (OPTICS) I) RAY OPTICS (II) OPTICAL INSTRUMENTS
AUGUST	UNIT-4 (I) ELECTROMAGNETIC INDUCTION II) ALTERNATING CURRENT UNIT TEST I PORTION : 1,2,9
SEPTEMBER	UNIT-3 MAGNETIC EFFECTS OF CURRENT AND MAGNETISM UNIT-7 DUAL NATURE OF MATTER HALF YEARLY EXAM PORTION : 1,2,3,4,6,9
OCTOBER	UNIT-6 PART- 2 (OPTICS) WAVE OPTICS UNIT-8 ATOMS AND NUCLEUS
NOVEMBER	UNIT-5 ELECTROMAGNETIC WAVES UNIT-10 COMMUNICATION SYSTEMS
DECEMBER	DISCUSSION AND EXPLANATION OF VARIOUS TYPES OF QUESTIONS RELATED WITH AISSCE-2019 PREBOARD-I(FULL PORTION)
JANUARY	DISCUSSION AND EXPLANATION OF VARIOUS TYPES OF QUESTIONS RELATED WITH AISSCE-2019 PREBOARD-II(FULL PORTION)
FEBRUARY	REVISION AND DOUBT CLEARING CLASSES
MARCH	AISSCE- 2018-19

PHYSICS PRACTICAL

MONTH	CONTENTS
June	Section-A 1.To determine resistance per cm of a given wire by plotting a graph potential difference versus current. 2.To find the resistance of a given wire using meter bridge and hence find resistivity (Specific resistance) of its material.
July	EXPERIMENT (SECTION-A) 3.To verify law of combination (series/parallel) of resistances using meter bridge. 4. To compare the EMF of two given primary cells using potentiometer. EXPERIMENT (SECTION-B) 1.To draw the I-V characteristic curve for a p-n junction in forward bias and reverse bias. ACTIVITY (SECTION-A) 1. To measure resistance, voltage (AC/DC), current (AC), and check continuity of a given circuit using multimeter. 2. To assemble a household circuit comprising three bulbs, three(on/off) switches, a fuse and a power source.
August	EXPERIMENT (SECTION-A) 5. To determine the internal resistance of given primary cells using potentiometer. 6. To determine the resistance of galvanometer by half deflection method and to find its figure of merit. EXPERIMENT (SECTION-B) 2. To draw the characteristic curve of zener diode and to determine its reverse breakdown voltage. ACTIVITY (SECTION-A) 3. To assemble the components of a given electrical circuit. 4. To study the variation in potential drop with length of a wire for a steady current.
September	EXPERIMENT(SECTION-A) 7.To convert the given galvanometer (of known resistance and figure of merit) into voltmeter of desired range and to verify the same.

	<p>8. To convert the given galvanometer (of known resistance and figure of merit) into ammeter of desired range and to verify the same.</p> <p>EXPERIMENT (SECTION-B)</p> <p>3. To study the characteristic of a common-emitter npn- pnp transistor and to find out the values of current and voltage gain.</p> <p>ACTIVITY (SECTION-A)</p> <p>5. To draw the diagram of a given open circuit comprising atleast a battery, resistor/ rheostat, key ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram.</p>
October	<p>EXPERIMENT(SECTION-B)</p> <p>4.To find the value of v for different values of u in case of a concave mirror and to find the focal length.</p> <p>5.To find focal length of convex lens by plotting graph between u and v or between $1/u$ and $1/v$.</p> <p>ACTIVITY (SECTION-B)</p> <ol style="list-style-type: none"> To identify a diode, an LED, a transistor, an IC, a resistor and a capacitor from a mixed collection of such items. To study the effect of intensity of light (by varying distance of the source)on an LDR. To observe the lateral deviation of a beam of light incident obliquely on a glass slab.
November	<p>EXPERIMENT (SECTION-B)</p> <ol style="list-style-type: none"> To determine the angle of minimum deviation for a given prism by plotting a graph between angle and incidence and angle of deviation. To find the refractive index of a liquid by using convex lens and a plane mirror. To find the refractive index of glass slab using a travelling microscope. <p>ACTIVITY (SECTION-B)</p> <ol style="list-style-type: none"> To observe polarization of light using two Polaroids. To study the nature and size of the image formed by a : <ol style="list-style-type: none"> Convex lens concave mirror, on screen by using a candle and a screen (for different distances of the candle from the lens/ Mirror)
December	REVISION

ECONOMICS

MONTHS	CONTENTS
APRIL	UNIT-I:-INTRODUCTION CH-1-INTRODUCTION UNIT-II:-CONSUMER'S EQUILIBRIUM AND DEMAND CH-2-CONSUMER'S EQUILIBRIUM-UTILITY ANALYSIS
JUNE	UNIT-II:-CONSUMER'S EQUILIBRIUM AND DEMAND CH-3- CH 3-CONSUMER'S EQUILIBRIUM-INDIFFERENCE CURVE ANALYSIS CH-4-THEORY OF DEMAND CH-5-ELASTICITY OF DEMAND
JULY	UNIT-V:-NATIONAL INCOME AND RELATED AGGREGATES CH-1-SOME BASIC CONCEPTS CH-2-CIRCULAR FLOW OF INCOME, METHODS OF CALCULATING NATIONAL INCOME CH-3-AGGREGATES RELATED TO NATIONAL INCOME
AUGUST	UNIT-III:-PRODUCER BEHAVIOUR AND SUPPLY CH-6-PRODUCTION FUNCTION CH-7-CONCEPT OF COST CH-8-CONCEPT OF REVENUE CH-9-PRODUCER'S EQUILIBRIUM <p style="text-align: center;">UNIT TEST I</p>
SEPTEMBER	UNIT-VI:-MONEY AND BANKING CH-4-MONEY AND SUPPLY OF MONEY CH-5-COMMERCIAL BANKS AND THE CENTRAL BANK UNIT-III:-PRODUCER BEHAVIOUR AND SUPPLY CH-10-THEORY OF SUPPLY <p style="text-align: center;">HALF YEARLY EXAM</p>
OCTOBER	UNIT-IV:-FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATIONS

	CH-11-FORMS OF MARKET CH-12-PRICE DETERMINATION UNDER PERFECT COMPETITION UNIT-VII-:DETERMINATION OF INCOME AND EMPLOYMENT CH-6-AGGREGATE DEMAND AND AGGREGATE SUPPLY
NOVEMBER	UNIT-VII-DETERMINATION OF INCOME AND EMPLOYMENT CH-7-SHORT-RUN EQUILIBRIUM OUTPUT CH-8-PROBLEM OF EXCESS DEMAND AND DEFICIENT DEMAND UNIT-VIII-:GOVERNMENT BUDGET AND THE ECONOMY CH-9-GOVERNMENT BUDGET
DECEMBER	UNIT-IX-:BALANCE OF PAYMENTS CH-10-BALANCE OF PAYMENTS ACCOUNT CH-11-FOREIGN EXCHANGE RATE
PRE BOARD-1	FULL SYLLABUS
JANUARY	PRE BOARD-2 FULL SYLLABUS
FEBRUARY	DOUBT CLEARING CLASSES & REVISION
MARCH	AISSCE 2018-19

ACCOUNTANCY

MONTHS	CONTENTS
APRIL	7. ACCOUNTING FOR SHARE CAPITAL 8. ISSUE & REDEMPTION OF DEBENTURE
JUNE	1. NOT FOR PROFIT ORGANISATION
JULY	2. ACCOUNTING FOR PARTNERSHIP (BASIC) 3. RECONSTITUTION OF PARTNERSHIP FIRM (ADMISSION OF PARTNER) 02.
AUGUST	3. RECONSTITUTION OF PARTNERSHIP FIRM (ADMISSION OF PARTNER) 3. RECONSTITUTION OF PARTNERSHIP FIRM (RETIREMENT/DEATH OF A PARTNER) CONTINUED...
UNIT TEST – I	PORTION : SYLLABUS FOR THE MONTH APR. & JUNE & JULY
SEPTEMBER	DISSOLUTION OF PARTNERSHIP FIRM REVISION EVALUATION – I
OCTOBER	ANALYSIS OF FINANCIAL STATEMENT ACCOUNTING RATIO
NOVEMBER	CASH FLOW STATEMENT REVISION
DECEMBER	REVISION PRE-BOARD – I (FULL SYLLABUS)
JANUARY	PRE-BOARD – II (FULL SYLLABUS)
FEBRUARY	PRE-BOARD – III (FULL SYLLABUS)
MARCH	AISSCE 2017-18

BUSINESS STUDIES

MONTH	CONTENTS
APRIL	01. NATURE AND SIGNIFICANCE OF MANAGEMENT (CONTD...) 02. PRINCIPLES OF MANAGEMENT
JUNE	02. PRINCIPLES OF MANAGEMENT (CONTD...)
JULY	03. BUSINESS ENVIRONMENT 04. PLANNING
AUGUST	05. ORGANISING 06. STAFFING
SEPTEMBER	07. DIRECTING. 08. CONTROLLING.
OCTOBER	09. BUSINESS FINANCE 10. FINANCIAL MARKETING.
NOVEMBER	11. MARKETING 12. CONSUMER PROTECTION
DECEMBER	REVISION.
JANUARY	REVISION
FEBURARY	REVISION & DOUBT CLEARING CLASSES.

HINDI

क्र.	माह	पाठ का नाम
1.	अप्रैल	आरोह पाठ्य पुस्तक-1 भक्तिन 1आत्मपरिचय, दिन जल्दी-जल्दी ढलता है
2.	जून	आरोह-2 बाजार दर्शन 3 काले मेघा पानी दे रचनात्मक लेखन- 1 आलेख
3.	जुलाई	आरोह-2 पंतग 3 कविता के बहाने 4 कैमरे में बंद अपाहिज वितान-1 सिल्वर वैडिंग
4.	अगस्त	आरोह -4 पहलवान की ढोलक -5 चार्ली चैप्लिन यानि हम सब वितान-2 जूझ (इकाई मूल्यांकन-1)
5.	सितम्बर	आरोह-5 सहर्ष स्वीकारा है 6 उषा , आरोह -6 नमक (अर्द्धवार्षिक परीक्षा)
6.	अक्टूबर	आरोह- 7 शिरीष के फूल, 7 बादल राग वितान 3 अतीत में दब पाँव कार्यालयीन पत्र - 1 सरकारी २. अर्ध सरकारी निबंध
7.	नवम्बर	आरोह - 8 श्रम विभाजन और जाति प्रथा
8.	दिसम्बर	-8 कवितावली -लक्ष्मण मूर्छा और राम का विलाप-9 रुबाइयाँ (गजल)
9.	जनवरी	आरोह-10 छोटा मेरा खेत, बगुलों के पंख वितान - 4 डायरी के पन्ने
10.	फरवरी	सम्पूर्ण पाठों की पुनरावृत्ति वार्षिक परीक्षा

PHYSICAL EDUCATION

PHYSICAL EDUCATION	
MONTH	UNIT/CHAPTERS
APRIL , JUNE & JULY	UNIT -1 PLANNING IN SPORTS UNIT-2 SPORTS & NUTRITION UNIT-3 YOGA & LIFESTYLE PRACTICAL –FOOTBALL, VOLLEY BALL, AAHPER TEST ,BASKETBALL
AUGUST & SEPTEMBER	UNIT-4 PHYSICAL EDUCATION & SPORTS FOR DIFFERENTLY- ABLED UNIT-5 CHILDREN & SPORTS UNIT 6 WOMEN IN SPORTS UNIT-7 TEST & MEASUREMENT IN SPORTS UNIT -8 PHYSIOLOGY & SPORTS PRACTICAL – FOOTBALL, VOLLEY BALL, HAND BALL, KHO KHO
OCTOBER	UNIT-9 SPORTS MEDICINE UNIT-10 KINESIOLOGY, BIOMECHANICS & SPORTS PRACTICAL HOCKEY, PRACTICE OF ASANAS
NOVEMBER	UNIT-11 PSYCHOLOGY & SPORTS UNIT- 12 TRAINING IN SPORTS
DECEMBER & JANUARY	REVISION , SECOND PRE BOARD
FEBRUARY	REVISION
MARCH	ALL INDIA SENIOR SECONDARY CERTIFICATE EXAMINATION 2018

COMPUTER SCIENCE

MONTH	UNIT	CONTENTS
APRIL	UNIT 1	OBJECT ORIENTED PROGRAMMING IN C++ 1.1 REVIEW C++ COVERED IN CLASS XI 1.2 OBJECT ORIENTED PROGRAMMING CONCEPT
JUNE	UNIT 1	1.3 CLASS AND OBJECT 1.4 CONSTRUCTOR AND DESTRUCTOR
JULY	UNIT 1	1.5 ENCAPSULATION 1.6 INHERITANCE 1.7 DATA FILE HANDLING 1.8 POINTERS
AUGUST	UNIT 2	DATA STRUCTURE 2.1 ARRAYS 2.2 STACK 2.3 QUEUE 2.4 LINK LIST
SEPTEMBER	UNIT 3	DATABASE MANAGEMENT SYSTEM AND SQL 3.1 DATA BASE CONCEPT 3.2 SQL COMANDS
OCTOBER	UNIT 4	BOOLEAN ALGEBRA
NOVEMBER	UNIT 5	COMMUNICATION TECHNOLOGIES 5.1 EVOLUTION OF NETWORKING 5.2 NETWORK
DECEMBER		REVISION OF ALL UNITS 1 ST PRE BOARD
JANUARY	PROJECT & PRACTICAL	FINAL PROJECT PROGRAMMING PRACTICE 2 ND PRE BOARD
FEBRUARY		FINAL PRACTICAL EXAM

