

SYLLABUS BIFURCATION
ENGLISH CLASS- XI

<u>DATE (MONTH)</u>	<u>BOOK NAME</u>	<u>CHAPTER NAME</u>
<u>APRIL</u> 1 ST APR-8 TH APR	HORNBILL	CH-1 THE POTRAIT OF A LADY
	GRAMMAR	DETERMINERS
10 TH APR- 15 TH APR	SNAPSHOT	CH-1 THE SUMMER OF THE ----
	GRAMMAR	MODALS
17 TH APR- 22 ND APR	HORNBILL	POEM-1 A PHOTOGRAPH
	GRAMMAR	CLAUSES
24 TH APR- 30 TH APR	SNAPSHOT	CH-2 THE ADDRESS
	GRAMMAR	TENSES
<u>MAY</u> 1 ST MAY-6 TH MAY	HORNBILL	CH-2WE ARE NOT AFRAID TO DIE
	GRAMMAR	TENSES
8 TH MAY-13 TH MAY	HORNBILL	POEM-2 THE LABURNOM TOP
	GRAMMAR	TENSES
15 TH MAY- 20 TH MAY	SNAPSHOT	CH-3 RANGA'S MARRIAGE
	GRAMMAR	NARRATION
22 ND MAY-27 TH MAY	HORNBILL	CH-3 DISCOVERING TUT! THE SAGA
	GRAMMAR	ADVERTISEMENT
<u>JULY</u> 1 ST JULY – 8 TH JULY	HORNBILL	POEM-3 THE VOICE OF THE RAIN
	GRAMMAR	POSTERS
10 TH JULY- 15 TH JULY	SNAPSHOT	CH-4 ALBERT EINSTEIN AT SCHOOL

	GRAMMAR	ACTIVE PASSIVE
17 TH JULY-22 ND JULY	HORNBILL	CH-4 LANDSCAPE OF THE SOUL
	GRAMMAR	SPEECH
<u>AUGUST</u> 1 ST AUG-12 TH AUG	SNAPSHOT	CH-5 MOTHER'S DAY
	GRAMMAR	DEBATE
	HORNBILL	CH-5 THE AILING PLANET! THE GREEN
<u>SEPTEMBER</u>	REVISION – HALF-YEARLY EXAMINATION	
<u>OCTOBER</u> 16 TH OCT-21 ST OCT	HORNBILL	CH-6 THE BROWNING VERSION
	GRAMMAR	POEM-4 CHILDHOOD
25 TH OCT-31 ST OCT	HORNBILL	CH-7 THE ADVENTURE
		POEM-5 FATHER TO SON
<u>NOVEMBER</u> 1 ST NOV- 9 TH NOV	SNAPSHOT	CH-6 THE GHAT OF THE ONLY WORLD
		CH-7 BIRTH
16 TH NOV- 25 TH NOV	HORNBILL	CH-8 SILK ROAD
	SNAPSHOT	CH-8 THE TALE OF MELON CITY
<u>DEC- ONWARDS</u>	REVISION	

SYLLABUS BIFURCATION
CHEMISTRY CLASS- XI

<u>DATE</u>	<u>CHAPTER/ TOPIC</u>	<u>ACTIVITY</u>
<u>MONTH- APRIL</u>	CH-1, 2 BASIC CONCEPTS AND ATOMIC STRUCTURE	TILTRATION, OXALIC ACID V/S KMnO ₄
01/04-08/04	MOLE CONCEPT AND LIMITING REAGENT	
10/04-15/04	CONCENTRATION TERMS	
14/04-22/04	INITIAL ATOMIC MODELS, DUAL NATURE	
24/04-29/04	NOHR'S MODEL, QUANTUM MESH-MODEL	
<u>MONTH- MAY</u>	CH-3 PERIODIC CLASSIFICATION	TILTRATION, OXALIC ACID V/S KMnO ₄
01/05-06/05	INITIAL ATTEMPTS, MENDEELEV'S	
08/05-13/05	MODERN PERIODIC TABLE	
15/05-20/05	CH-4 CHEMICAL BONDING – BASIC DEF.	
22/05-27/05	VSEPR THEORY , VALANCE BOND THEORY	
<u>MONTH- JULY</u>	CH-4 CHEMICAL BONDING CONTD.	CATION ANALYSIS , Na ⁺ , Sr ²⁺ , Ba ²⁺
01/07-08/07	HYBRIDISATION	
10/07-15/07	MOLECULAR ORBITAL THEORY	
17/07-22/07	CH-6 THERMODYNAMICS CONCEPTS	CATION ANALYSIS , Ca ⁺ , Mn ²⁺ , Cu ²⁺
24/07-31/07	INTERNAL ENERGY, ENTHALPY	
<u>MONTH- AUGUST</u>	CH-6 THERMODYNAMICS CONTD.	
01/08-08/08	HEAT CAPACITY,	

	THERMOCHEMISTRY	
10/08-16/08	GIBBS FREE ENERGY, ENTROPY	ANION ANALYSIS Cl^- , Br^- , NO_3^- , SO_4^{2-}
18/08-23/08	CH-7 EQUILIBRIUM, K_{eq} (CONC./ PRES.)	
25/08-30/08	IONIC EQUILIBRIUM	
<u>MONTH- SEPTEMBER</u>	CH-7 EQUILIBRIUM CONTD.	
04/09-09/09	IONIC EQUILIBRIUM CONTD.	ANION ANALYSIS I^- , CO_3^{2-} , PO_4^{2-}
11/09-16/09	LE- CHATLIER'S PRINCIPAL	
	PT-1 SYLLABUS-	CH-1 BASIC CONCEPTS OF CHEMISTRY
		CH-2 ATOMIC STRUCTURE
		CH-3 PERIODIC CLASSIFICATION
	HALF-YEARLY	CH-1,2,3,4,6
<u>MONTH- OCTOBER</u>	CH-8 REDOX RXN.	
2/10-7/10	INTRODUCTION TO OXIDATION/ RED.	TITRATION NaOH V/S KMnO_4
9/10-14/10	OXIDATION STATES, BALANCING	
16/10-21/10	CH-11 ORGANIC CHEMISTRY INTRO.	
23/10-28/10	NOMENCLATURE OF ORGANIC COMP.	
<u>MONTH- NOVEMBER</u>	CH-11 ORGANIC CHEMISTRY	
1/11-4/11	ELECTRON DISPLACEMENT EFFECTS	CATION AND ANION ANALYSIS CONTD.
6/11-11/11	PURIFICATION OF ORGANIC COMP.	

13/11-18/11	CH-12 HYDROCARBONS. INTRODUCTION	
20/11- 25/11	ALKANES(PHYSICAL/ CHEMICAL)	
26/11-30/11	ALKANES (PHYSICAL/ CHEMICAL)	
<u>MONTH-</u> <u>DECEMBER</u>		
1/12-7/12	ALKYNES (PHYSICAL/ CHEMICAL)	IDENTIFICATION OF ORGANIC COMP.
9/12-14/12	AROMATIC HYDROCARBONS	
16/12-23/12	CH-9 HYDROGEN INTRODUCTION	
25/12-31/12	HYDRIDES AND OTHER COMP.	
	PT-II	CH-6, 11
	ANNUAL EXAMS	COMPLETE SYLLABUS

**SYLLABUS BIFURCATION
MATHEMATICS CLASS- XI**

DATE (MONTH)	CHAPTER (TOPIC)	WORK	ACTIVITY
<u>APRIL</u> (01/04/23- 08/04/23)	CH-1 SETS (INTRODUCTION) EX-1.1, EX-1.2, EX-1.3	DO REMAINING PARTS OF QUESTIONS	TO FIND THE NUMBER OF SUBSETS OF A GIVEN SET
(09/04/23- 17/04/23)	EX-1.4, EX-1.5, EX-1.6 & MISCELLANEOUS EX		
(18/04/23- 25/04/23)	CH-2 RELATION AND FUCNTIONS (INTRODUCTION) EX-2.1, EX-2.2, EX-2.3	DO REMAINING PARTS OF QUESTIONS	TO VERIFY THAT TWO NON-EMPTY SETS A AND B
(26/04/23- 30/04/23)	MISCELLANEOUS EXERCISE TEST		IF $n(A)=p$, $n(B)=q$ THE TOTAL RELATION A TO $B= 2^{pq}$
<u>MAY</u> (01/05/23- 08/05/23)	CH-3 TRIGONOMETRIC FUNCTIONS (INTRODUCTION) EX-3.1, EX-3.2, EX-3.3	DO REMAINING PARTS OF QUESTIONS	
(09/05/23- 16/05/23)	EX-3.4, MISCELLANEOUS EXERCISE		TO PLOT THE GRAPH OF $\sin x$, $\sin 2x$, $2\sin x$ and $\sin x/2$
(17/05/23- 24/05/23)	CH-4 PRINCIPLE OF MATHEMATICAL INDUCTION (INTRODUCTION) EX-4	DO QUESTIONS Q.5, Q.10, Q.1 3, Q.22	TO INTERPRET GEOMETRICALL Y THE MEANING OF C=V-T

(25/05/23-30/05/23)	CH-5 COMPLEX NUMBERS AND QUADRATIC EQUATIONS (INTRODUCTION) EX-5.1, EX-5.2	DO REMAINING PARTS OF QUESTIONS	TO OBTAIN A QUADRATIC FUNCTION WITH THE HELP OF LINEAR FUNCTIONS GRAPHICALLY .
JULY (01/07/23-08/07/23)	CH-6 LINEAR INEQUALITIES (INTRODUCTION) EX-6.1 & EX-6.2	DO REMAINING PARTS OF QUESTIONS	
(09/07/23-16/07/23)	CH-6 EX-6.3 MISCELLANEOUS EXERCISE	DO REMAINING PARTS OF QUESTIONS	
(17/07/23-24/07/23)	CH-7 PERMUTATION AND COMBINATIONS (INTRODUCTION) EX-7.1, EX-7.2		
(25/07/23-31/07/23)	EX-7.3, EX-7.4 MISCELLANEOUS EXERCISE	DO REMAINING PARTS OF QUESTIONS	
AUGUST (01/08/23-08/08/23)	CH-8 BINOMIAL THEOREM (INTRODUCTION) EX-8.1, 8.2 & MISCELLANEOUS EXERCISE	DO REMAINING PARTS OF QUESTIONS	TO CONSTRUCT A PASCAL'S TRIANGLE AND TO SERIVE BINOMIAL EXPANSION FOR A GIVEN POSITIVE
(09/08/23-	CH-9 SEQUENCES AND		

16/08/23)	SERIES (INTRODUCTION) EX-9.1, EX-9.2		
(17/08/23- 24/08/23)	EX-9.3& MISCELLANOUS EXERCISE	DO REMAINING PARTS OF QUESTIONS	TO DEMONSTRATE THAT THE ARITHMETIC MEAN OF TWO DIFFERENT POSITIVE NUMBERS IS ALWAYS GREATER THAN OR EQUAL TO GEOMETRIC MEAN
(25/08/23- 31/08/23)	CH-10 STRAIGHT LINES (INTRODUCTION) EX-10.1 & EX-10.2, EX- 10.3, EX-10.4	DO REMAINING PARTS OF QUESTIONS	
SEPTEMBER (01/09/23- 08/09/23)	CH-10 EX-10.3 & MISCELLANOUS EXERCISE		
(09/09/23- 24/09/23)	REVISION		
(25/09/23- 30/09/23)	CH-12 INTRODUCTION TO THREE DIMENSIONAL GEOMETRY (INTRODUCTION) EX-12.1, EX-12.2	DO REMAINING PARTS OF QUESTIONS	TO CONSTRUCT A PARABOLA
OCTOBER (01/10/23- 08/10/23)	CH-12 EX-12.3 & MISCELLANOUS EXERCISE		

(09/10/23-16/10/23)	CH-13 LIMITS AND DERIVATIVES (INTRODUCTIONB) EX-13.1	DO REMAINING PARTS OF QUESTIONS	
(17/10/23-24/10/23)	EX-13.2 & MISCELLANOUS EXERCISE		TO ESTABLISH THE FORMULA FOR THE SUM OF THE CUBES OF THE FIRST :n" NATURAL NUMBERS .
<u>NOVEMBER</u> (01/11/23-08/11/23)	CH-14 MATHEMATICAL REASONING EX-14.2	DO REMAINING PARTS OF QUESTIONS	
(09/11/23-16/11/23)	EX-14.3 & EX-14.4		TO CONSTRUCT DIFFERENT TYPES OF CONIC SECTION WHEN PLAE IS NOT PASSING THROUGH THE VERTEX.
(17/11/23-24/11/23)	EX-14.5 & MISCELLANOUS EXERCISE OF CH-14		
(25/11/23-30/11/23)	CH-15 STATISTICS(INTRODUCTI ON) EX-15.1, EX-15.2	DO REMAINING PARTS OF QUESTIONS	

<u>DECEMBER</u> (01/12/23- 08/12/23)	CH-15, EX-15.3 & MISCELLANOUS EXERCISE DO REMAINING PARTS OF QUESTIONS		
(09/12/23- 16/12/23)	CH-16 PROBABILITY (INTRODUCTION) EX-16.1, EX-16.2		
(17/12/23- 24/12/23)	EX-16.3 & MISCELLANOUS EXERCISE OF CH-16		
(25/12/23- 31/12/23)	CH-11 CONIC SECTION EX-11.1, EX-11.2, EX- 11.3& EX-11.4		
	<u>PT-1 EXAM SYLLLABUS</u> CH-1 AND CH-2		
	<u>HALF YEARLY EXAM SYLLABUS</u> CH-1 TO CH-8		
	<u>PT-II EXAM SYLLLABUS</u> CH-9 AND CH-10		
	<u>ANNUAL EXAM SYLLABUS</u> CH-1 TO CH-16		

SYLLABUS BIFURCATIONK

CLASS-XI BIOLOGY

<u>DATE</u>	<u>CHAPTER NAME</u>	<u>ACTIVITY</u>
<u>APRIL</u>		
10 TH -30 TH APR	CH-1 THE LIVING WORLD	TO KNOW THE CHARACTERISTICS OF LIVING
<u>MAY</u>		
1 ST – 29 TH	CH-2 BIOLOGICAL CLASSIFICATION	TO KNOW THE IMPORTANCE OF CLASSIFICATION
<u>JULY</u>		
1 ST – 15 TH	CH-3 PLANT KINGDOM	MAKE A HERBARIUM FILE
16 TH -31 ST	CH-4 ANIMAL KINGDOM	MAKE A LIST OF ANIMAL KINGDOM'S PHYLUM WITH THEIR CHARACTERISTICS
<u>AUGUST</u>		
1 ST -15 TH	CH-5 MORPHOLOGY OF FLOWERING PLANTS	DRAW FLORAL FORMULA AND DIGRAMS
16 TH -31 ST	CH-6 ANATOMY OF FLOWERING PLANTS	TO SHOW T.S OF MONOCOT, DICOT, ROOT AND STEM THROUGH MICROSCOPE.
<u>SEPTEMBER</u>		
1 ST – 15 TH	CH-7 STRUCTURAL ORGANISATIONS IN ANIMALS	TO SHOW DIFFERENT TYPE OF TISSUES THROUGH PERMANENT SLIDES.
16 TH -30 TH	CH-8 CELL: THE UNIT OF LIFE	TO SHOW THE CELL DIVISION IN DIFFERENT TYPE OF CELLS.
<u>OCTOBER</u>		
1 ST -15 TH	CH-9 BIOMOLECULES	TO SHOW WHAT KIND OF

		ORGANIC COMPOUNDS FOUND IN LIVING.
16 TH -30 TH	CH-10 CELL CYCLE AND CELL DIVISION	TO SHOW INCIOSIS AND INITOSIS IN DIFFERENT CELLS.
<u>NOVEMBER</u>		
1 ST -15 TH	CH-11 PHOTOSYNTHESIS IN HIGHER PLANTS	TO SHOW THE LIGHT IS IMPORTANT FOR PHOTOSYNTHESIS
16 TH -30 TH	CH-12 RESPIRATION IN PLANTS	LEARN ALL THE STEPS OF GLYCOLYSIS .
<u>DECEMBER</u>		
1 ST - 15 TH	CH-13 PLANT GROWTH AND DEVELOPMENT	LEARN ABOUT DIFFERENT PHYTOHORMONES.
15 TH -31 ST	CH-14 BREATHING AND EXCHANGE OF GASES	PRACTICE DIAGRAM OF HUMAN ESPIRATORY SYSTEM.
<u>JANUARY</u>		
1 ST -15 TH	CH-15 BODY FLUIDS AND CIRCULATION .	MAKE MODELS OF HEART AND CIRCULATORY SYSTM
16 TH 31 ST	CH-16 EXCRETORY PRODUCTS AND THEIR ELIMINATION	PRACTICE DIAGRAM OF KIDNEY AND ITS UNIT.
<u>FEBRUARY</u>		
1 ST - 10 TH	CH-17 LOCOMOTION AND MOVEMENT	TO SHOW DIFFERENT BONES THROUGH SKELTAL SYSTEM .
12 TH -20 TH	CH-18 NEURAL CONTROL AND CO-ORDINATION	TO SHOW THE FUNCTION OF CHEMICAL AS A MESENGER .
21 ST -29 TH	CH-19 CHEMICAL CO-ORDINATION AND	LEARN ABOUT DIFFERENT HORMONES AND THEIR

	INTEGRATION	FUNCTIONS.
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