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SYLLABUS OF 2026-27

CLASS-XII-SCI

SUBJECT- ENGLISH

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	FLAMINGO (PROSE)	1	THE LAST LESSON	2-12
		VISTAS	1	THE THIRD LEVEL	1-7
		WRITING SKILLS	-	NOTICE WRITING	
		FLAMINGO (POETRY)	1	MY MOTHER AT SIXTY-SIX	90-91
		FLAMINGO (PROSE)	2	LOST SPRING	
MAY	16	VISTAS	2	THE TIGER KING	8-17
		WRITING SKILLS	-	INVITATION WRITING	
		FLAMINGO (PROSE)	3	DEEP WATER	23-31
		FLAMINGO (POETRY)	3	KEEPING QUIET	95-97
JUNE	04 (+03)	VISTAS	3	JOURNEY TO THE END OF THE EARTH	18-23
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)	FLAMINGO (PROSE)	4	THE RATTRAP	32-45
		VISTAS	4	THE ENEMY	24-47
		WRITING SKILLS	-	EDITORIAL LETTER AND JOB APPLICATION LETTER	-
		FLAMINGO (POETRY)	4	A THING OF BEAUTY	98-99
		FLAMINGO (PROSE)	5	INDIGO	46-56
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		FLAMINGO (PROSE)	5	POETS AND PANCAKES	57-67
		VISTAS	-	ON THE FACE OF IT	56-69
		WRITING SKILLS	6	ARTICLE WRITING	-
		FLAMINGO (POETRY)	6	A ROADSIDE STAND	100-102
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08				
OCTOBER	15	FLAMINGO (POETRY)	6	AUNT JENNIFER'S TIGERS	103
		VISTAS	8	MEMORIES OF CHILDHOOD	93
NOVEMBER	21	FLAMINGO (PROSE)	7	THE INTERVIEW	68-76
		FLAMINGO (PROSE)	8	GOING PLACES	
		WRITING SKILLS	-	REPORT WRITING	
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09	REVISION		REVISION	
		REVISION		REVISION	
JANUARY	22	REVISION		REVISION	
		REVISION		REVISION	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- PHYSICS

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	NCERT PHYSICS (PART-1)	1	ELECTRIC CHARGES AND FIELDS	1-33
			2	ELECTROSTATIC POTENTIAL AND CAPACITANCE	45-73
			3	CURRENT ELECTRICITY	81-100
MAY	16	NCERT PHYSICS (PART-1)	4	MOVING CHARGES AND MAGNETISM	107-129
			5	MAGNETISM AND MATTER	136-147

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
JUNE	04 (+03)	NCERT PHYSICS (PART-1)	5	MAGNETISM AND MATTER (CONTD.)	136-147
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 + (04) (X & XII: 16)	NCERT PHYSICS (PART-1)	6	ELECTROMAGNETIC INDUCTION	154-170
			7	ALTERNATING CURRENT	177-194
			8	ELECTROMAGNETIC WAVES	201-215
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		NCERT PHYSICS (PART-2)	9	RAY OPTICS AND OPTICAL INSTRUMENTS	221-240
			10	WAVE OPTICS	255-269
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08	NCERT PHYSICS (PART-2)	11	DUAL NATURE OF RADIATION AND MATTER	274-284
OCTOBER	15	NCERT PHYSICS (PART-2)	12	ATOMS	290-301
			13	NUCLEI	306-314
NOVEMBER	21	NCERT PHYSICS (PART-2)	14	SEMICONDUCTOR ELECTRONICS: MATERIALS ,DEVICES AND SIMPLE CIRCUITS	323-338
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09			REVISION	
JANUARY	22			FULL REVISION	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- CHEMISTRY

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	NCERT CHEMISTRY PART -II	6	HALOALKANES AND HALOARENES	159-192
		NCERT CHEMISTRY PART -I	3	CHEMICAL KINETICS	61-88
MAY	16	NCERT CHEMISTRY PART -II	7	ALCOHOLS, PHENOLS AND ETHERS	193-226
JUNE	04 (+03)			REVISION OF CHAPTER -3, 6&7	
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)	NCERT CHEMISTRY PART -I	4	D AND F -BLOCK ELEMENTS	89-117
		NCERT CHEMISTRY PART -I	5	COORDINATION COMPOUNDS	118-140
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		NCERT CHEMISTRY PART -I	2	ELECTROCHEMISTRY	31-60
		NCERT CHEMISTRY PART -II	10	BIOMOLECULES	
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08			REVISION OF CHAPTER - 2,3,4,5,6,7&10	
OCTOBER	15	NCERT CHEMISTRY PART -I	1	SOLUTIONS	1-30
NOVEMBER	21	NCERT CHEMISTRY PART -II	8	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	227-
		NCERT CHEMISTRY PART -II	9	AMINES	
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09			REVISION	
JANUARY	22			REVISION	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- MATHEMATICS

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	MATHEMATICS-TEXTBOOK FOR CLASS XII	1	RELATIONS AND FUNCTION	1-17
		MATHEMATICS-TEXTBOOK FOR CLASS XII	2	INVERSE TRIGONOMETRIC FUNCTIONS	18-33
MAY	16	MATHEMATICS-TEXTBOOK FOR CLASS XII	3	MATRICES	34-74
		MATHEMATICS-TEXTBOOK FOR CLASS XII	4	DETERMINANTS	75-103
JUNE	04 (+03)	MATHEMATICS-TEXTBOOK FOR CLASS XII	5	CONTINUITY AND DIFFERENTIABILITY	104-146
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)	MATHEMATICS-TEXTBOOK FOR CLASS XII	5	CONTINUITY AND DIFFERENTIABILITY	104-146
		MATHEMATICS-TEXTBOOK FOR CLASS XII	6	APPLICATION OF DERIVATIVES	147-186
		MATHEMATICS-TEXTBOOK FOR CLASS XII	12	LINEAR PROGRAMMING	394-405

MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		MATHEMATICS-TEXTBOOK FOR CLASS XII	7	INTEGRALS	225-291
		MATHEMATICS-TEXTBOOK FOR CLASS XII	8	APPLICATION OF INTEGRALS	292-299
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08	MATHEMATICS-TEXTBOOK FOR CLASS XII	9	DIFFERENTIAL EQUATIONS	300-337
OCTOBER	15	MATHEMATICS-TEXTBOOK FOR CLASS XII	10	VECTOR ALGEBRA	338-376
		MATHEMATICS-TEXTBOOK FOR CLASS XII	11	THREE DIMENSIONAL GEOMETRY	339-393
NOVEMBER	21	MATHEMATICS-TEXTBOOK FOR CLASS XII	13	PROBABILITY	406-438
DECEMBER	03 (+08)				
	09			UT-II / PT-III (IX & XI) / PREBOARD	
JANUARY	22				
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- BIOLOGY					
MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	1	SEXUAL REPRODUCTION IN FLOWERING PLANTS	3-25
			2	HUMAN REPRODUCTION	26-40
MAY	16	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	2	HUMAN REPRODUCTION	26-40
			3	REPRODUCTIVE HEALTH	41-50
JUNE	04 (+03)	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	3	REPRODUCTIVE HEALTH	41-50
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	4	PRINCIPLES OF INHERITANCE AND VARIATION	53-78
			5	MOLECULAR BASIS OF INHERITANCE	79-109
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	6	EVOLUTION	110-126
			7	HUMAN HEALTH AND DISEASES	129-148
SEPTEMBER	05 (+09)				
				TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	8	MICROBES IN HUMAN WELFARE	149-160
			9	BIOTECHNOLOGY: PRINCIPLES AND PROCESSES	163-176
OCTOBER	15	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	9	BIOTECHNOLOGY: PRINCIPLES AND PROCESSES	163-176
			10	BIOTECHNOLOGY AND ITS APPLICATIONS	177-187
NOVEMBER	21	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	11	ORGANISMS AND POPULATIONS	190-204
			12	ECOSYSTEM	205-215
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT	13	BIODIVERSITY AND CONSERVATION	216-227
JANUARY	22	TEXTBOOK OF BIOLOGY FOR CLASS XII NCERT			
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- PHYSICAL EDUCATION					
MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20	HEALTH AND PHYSICAL EDUCATION	Ch-1	MANAGEMENT OF SPORTING EVENT	1.1-1.52
MAY	16	HEALTH AND PHYSICAL EDUCATION	Ch-2	CHILDREN AND WOMEN IN SPORTS	2.1-2.32
JUNE	04 (+03)	HEALTH AND PHYSICAL EDUCATION	Ch-3	YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE	3.1-3.58
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)			REVISION	
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
		HEALTH AND PHYSICAL EDUCATION	Ch-4	PHYSICAL EDUCATION AND SPORTS FOR CWSN	4.1-4.28

SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08	HEALTH AND PHYSICAL EDUCATION	Ch-5	SPORTS AND NUTRITION	5.1-5.40
OCTOBER	15	HEALTH AND PHYSICAL EDUCATION	Ch-6	TASTE AND MEASUREMENT IN SPORTS	6.1-6.34
NOVEMBER	21	HEALTH AND PHYSICAL EDUCATION	Ch-7	PHYSIOLOGY AND INJURIES IN SPORTS	7.1-7.41
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09	HEALTH AND PHYSICAL EDUCATION	Ch-8	BIOMECHANICS AND SPORTS	8.1-8.22
JANUARY	22	HEALTH AND PHYSICAL EDUCATION	Ch-9	PSYCHOLOGY AND SPORTS	9.1-9.32
		HEALTH AND PHYSICAL EDUCATION	Ch-10	TRAINING IN SPORTS	10.1-10.38
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- COMPUTER SCIENCE					
MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20		1	REVISION PYTHON OF CLASS XI.	1-28
			2	COMPUTATIONAL THINKING AND PROGRAMMING – 2 - REVISION OF PYTHON TOPICS COVERED IN CLASS XI.	41-74
			3	FUNCTIONS	91-103
MAY	16		3	FUNCTIONS	104-152
JUNE	04 (+03)			REVISION	
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)		6	EXCEPTION HANDLING: INTRODUCTION, HANDLING EXCEPTIONS USING TRY-EXCEPT-FINALLY BLOCKS	259-275
			7	DATA STRUCTURE: STACK AND ITS OPERATIONS USING LIST, IMPLEMENTATION OF STACK USING LIST. (INFIX TO POSTFIX CONVERSION USING STACK, EVALUATION OF POSTFIX EXPRESSION USING STACK.)	277-314
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
			5	DATA FILE HANDLING	187-258
			11	DATABASE MANAGEMENT	449-500
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08		12	DATABASE MANAGEMENT	501-518
OCTOBER	15		8 & 9	COMPUTER NETWORKS	329-410
NOVEMBER	21		14	INTERFACE OF PYTHON WITH AN SQL DATABASE	
				REVISION	
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09				
JANUARY	22			REVISION	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- DANCE					
MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20			A BRIEF HISTORY WITH OTHER CLASSICAL DANCE STYLES OF INDIA.	
MAY	16			BASIC UNDERSTANDING OF THE TERM ABHINAYA AND DEFINITION OF ITS FOUR ASPECTS: ANGIKA, VACHIKA, AHARYA, SATVIKA.	
JUNE	04 (+03)			AQUITANCE OF THE THREE GHARANAS OF KATHAK DANCE (LUCKNOW, JAIPUR, BANARAS)	
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)			RASA: DEFINITION AND EXPLANATION OF NINE RASAS	
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
				KNOWLEDGE OF THE FOLLOWING TERMS: (SHORT NOTE) SANGEET, TAL, LAYA, ANGAHARA, BHRAMARI, LOKADHARMI, NATYADHARMI, RASA AND BHAVA.	

SEPTEMBER	05 (+09)			KNOWLEDGE OF THE TECHNICAL TERMINOLOGY OF THE DANCE FORM. A) DEFINITION OF THE FOLLOWING: I) VANDANA II) TIHAAYI III) AAMAD IV) TODA/TUKRAA	
				TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
	08			KNOWLEDGE OF THE TECHNICAL TERMINOLOGY OF THE DANCE FORM. A) DEFINITION OF THE FOLLOWING: V) PARAN VI) CHAKARDAR TODA / TUKRAA AND PARAN VII) GATNIKAS VIII) GATBHAAV	
OCTOBER	15			KNOWLEDGE OF THE TECHNICAL TERMINOLOGY OF THE DANCE FORM. A) DEFINITION OF THE FOLLOWING: B) KNOWLEDGE OF THEKA OF DADRA, KAHARWA, ROOPAK. C) DEFINITION OF TALI, KHALI, SAM, TIHAAYI. D) ABILITY TO NOTATE A TUKRAA/TODA AND PARAN.	
NOVEMBER	21			ACQUAINTANCE WITH THE TRADITIONAL COSTUMES AND MAKEUP	
DECEMBER	03 (+08)			REVISION FOR BOARD	
				UT-II / PT-III (IX & XI) / PREBOARD	
	09			REVISION FOR BOARD	
JANUARY	22			REVISION FOR BOARD	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

SUBJECT- MUSIC					
MONTH	NO. OF WORKING DAYS	NAME OF BOOK	CHAPTER'S NO.	TOPIC	PAGE NO.
APRIL	20			NADA, SHRUTI, SWAR, SAPTAK, THAAT, JATI, LAYA, TALA	
				KOMAL SWARAS I RAGA BAGESHRI, VAIRABI,	
MAY	16			BRIEF STUDY OF TH FOLLOWING - ALANKAR, KAN, NEEND, KHATKA, MURKI	
				LIFE SKETCH ANS CONTRIBUTION OF FAIYAZ KHAN, BARE GHULAM ALI KHAN, KRISHNA KRISHNA RAO, SHANKAR PANDIT	
JUNE	04 (+03)			DESCRIPTION OF PRESCRIBED TALAS ALONG WITH TALA NOTATION WITH THAH,DUGUN,TINGUN AND CHAUGUN JHAPTAL RUPAL, DHANAR, D	
				UNIT TEST-I / PERIODIC TEST-I (IX-XII)	
JULY	21 (+04) (X & XII: 16)			WRITING IN NOTATION THE COMPOSITIONS OF PROSCRIBED RAGAS : BHAIRAV, BAGESHREE, MALKOUSH	
				PERIODIC TEST-II (X & XII)	
AUGUST	23 (X & XII: 19)			PERIODIC TEST-II (X & XII)	
				HISTORICAL DEVELOPMENT OF TIME THEORY OF RAGAS	
SEPTEMBER	05 (+09)			TERM-I / PT-II (IX & XI) / PT-III (X & XII)	
				DETAIL STUDY OF SANGEET RATNAKAR THE FOLLOWING : SANGEET PARIJAT	
OCTOBER	15			DESCRIBE THE TECHNIQUES OF RUNNING OF TANPURA	
				DESCRIBE THE FOLLOWING : GRAM, MURCHANA, GAMAK	
NOVEMBER	21			RECOGNIZE THE RAGA FROM THE FOLLOWING PHRASE OF SWARAS AND ELABORATE IT UP TO 50 SWARAS	
DECEMBER	03 (+08)			UT-II / PT-III (IX & XI) / PREBOARD	
	09			REVISION	
JANUARY	22			REVISION	
FEBRUARY	10 (+12)			REVISION	
				TERM-II / ANNUAL EXAM	

