

Syllabus Index

Grade - 11 (CBSE) Sci. & Comm.

2026 – 27

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Grade - 12 (CBSE) Sci. & Comm.

2026 – 27

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Grade : XI			Subject : English			
Reference Book : I. Hornbill						
2. Snapshots						
Month	Sr. No.	Ls. No.	Topic	Name of the Book	Pg. No.	Date of Completion
August			Grammar : Tenses			
		1	Writing Skills : Note making			
		2	Writing Skills: Summarising			
	1	1.1	The Portrait of a Lady	Hornbill	3 - 10	
			Activity : Talk with your family members about elderly people who you have been intimately connected with and who are not there with you now. Write a short description of someone you liked a lot.			
	2	1.2	A Photograph	Hornbill	11 - 12	
Unit Test I						
September	3	1	The Summer of the Beautiful White Horse	Snapshots	1 - 9	
			Activity : "The horse stood on its hind legs, snorted and burst into a fury of speed that was the loveliest thing I had ever seen." These lines could be an artist's delight. Try to draw a picture as depicted in the above lines.			
	4	2	We're Not Afraid to Die if we can all be Together	Hornbill	13 - 21	
			Activity : Locate Ile Amsterdam on the world map.			
October	5	2	The Address	Snapshots	10 - 15	
			Activity: Write a brief description according to your opinion what kind of hardship people had faced during post- War and pre-War			
	6	3.1	Discovering Tut : the Saga Continues	Hornbill	22 - 30	
			Activity : The constellation Orion is associated with the legend of Osiris, the god of the afterlife. Find out the astronomical description and legends associated with the following. (a) Ursa Major (Saptarishi mandala) (b) Polaris (Dhruva tara) (c) Pegasus (Winged horse) (d) Sirius (Dog start) (e) Gemini (Mithuna)			
			Activity : Name some leaves and flowers that are used as adornments in our country.			
Semester End Exam - I						
November			Grammar : Clauses			
		3	Writing Skills: Sub - titling			
		4	Writing Skills : Essay - writing			
	7	3.2	The Laburnum Top	Hornbill	31 -33	
			Activity : Write four lines in verse form on any tree that you see around you.			
	8	3	Ranga's Marriage	Snapshots	16 - 24	
December			Grammar : Transformation of sentences			
		5	Writing Skills : Letter - writing			
	9	3.3	The Voice of the Rain	Hornbill	34 - 35	
			Activity : Look for some more poems on the rain and see how this one is different from them.			
	10	4	Albert Einstein at School	Snapshots	25 - 31	
	11	4.1	The Ailing Planet: the Green Movement's Role	Hornbill	36 - 42	
			Activity : Make posters to highlight the importance of the Green Movement.			
	12	5	Mother's Day	Snapshots	32 - 53	
		Activity : Discuss in groups plays or films with a strong message of social reform that you have watched.				
			Activity : Read the play out in parts. Enact the plays on a suitable occasion.			
January			Grammar : Gap filling			
		6	Writing Skills : Creative Writing			
	13	4.2	Childhood	Hornbill	43 - 44	
	14	6	The Ghat of the Only World	Snapshots	54 - 64	
	15	5	The Adventure	Hornbill	45 - 58	
			Activity : Look up the Internet or an encyclopedia for information on the following theories. (i) Quantum theory (ii) Theory of relativity (iii) Big Bang theory (iv) Theory of evolution			
	16	7	Birth	Snapshots	65 - 70	
Unit Test II						
February	17	6.1	Silk Road	Hornbill	59 - 70	
	18	8	The Tale of Melon City	Snapshots	71 -76	
	19	6.2	Father To Son	Hornbill	71 -72	
			Activity : Describe your relationship between you and your father			
March	Semester End II					

Month	Sr. No.	Ls. No.	Topic	Name of the book	Pg. No.	Date of Completion
Aug	1	1	काव्य खंड : 1. हम तो एक एक करि जाना।	आरोह	129-132	
	2		क्रियाकलाप 1 : अज्ञानी गुरुओं की शरण में जाने पर शिष्यों की क्या गति होती है ?			
	3	1	काव्य खंड : 2. संतों देखत जग बैराना।	आरोह	129-132	
	4	1	गद्य : नमक का दरोगा	आरोह	3-16	
	5		क्रियाकलाप 2 : 'नमक का दारोगा' कहानी के कोई दो अन्य शीर्षक बताते हुए उसके आधार को भी स्पष्ट कीजिए।			
	6	1	गद्य खंड : भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर	वितान	1-8	
	7		क्रियाकलाप 3 : लेखक ने लता की गायकी की किन विशेषताओं को उजागर किया है? आपको लता की गायकी में कौन-सी विशेषताएँ नजर आती हैं? उदाहरण सहित बताइए।			
	8	2	काव्य खंड : 1. मेरे तो गिरधर गोपाल, दुसरो न कोई	आरोह	135-138	
	9	2	गद्य खंड : मियाँ नसीरुद्दीन	आरोह	22-28	
	10	2	गद्य खंड : राजस्थान की रजत बूंदें	वितान	9-19	
	11		क्रियाकलाप 4 : दिनोदिन बढ़ती पानी की समस्या से निपटने में यह पाठ आपकी कैसे मदद कर सकता है तथा देश के अन्य राज्यों में इसके लिए क्या उपाय हो रहे हैं? जानें और लिखें?			
Unit Test I						
Sept	12	2	काव्य खंड :2. पग घुँघुरु बाँधि मीरा नाची	आरोह	135-138	
	13		क्रियाकलाप 5 : कल्पना करें, प्रेम प्राप्ति के लिए मीरा को किन-किन कठिनाइयों का सामना करना पड़ा होगा और लिखें।			
	14	3	गद्य खंड : अपू के साथ ढाई साल	आरोह	31-40	
	15		क्रियाकलाप 6 : 'भूलो' की जगह दूसरा कुत्ता क्यों लाया गया? उसने फ़िल्म के किस दृश्य को पूरा किया?			
	16	3	गद्य खंड : विदाई - संभाषण	आरोह	44-51	

	17		क्रियाकलाप 7 : नादिर से भी बढ़कर आपकी जिद है- कर्जन के संदर्भ में क्या आपको यह बात सही लगती है? पक्ष या विपक्ष में तर्क दीजिए।			
	18		क्रियाकलाप 8 : इस पाठ में आए अलिफ़ लैला, अलहदीन, अबुल हसन और बगदाद के खलीफ़ा के बारे में सूचना एकत्रित कर कक्षा में चर्चा कीजिए।			
October	19	3	काव्य खंड : पथिक	आरोह	140-143	
	20		क्रियाकलाप 9 : वर्तमान समय में हम प्रकृति से दूर होते जा रहे हैं इस पर चर्चा करें और लिखें कि प्रकृति से जुड़े रहने के लिए क्या कर सकते हैं।			
	21		क्रियाकलाप 10 : गाँव और शहर, दोनों जगहों पर चलने वाले मोहन के जीवन संघर्ष में क्या फ़र्क है? चर्चा करें और लिखें।			
	22	4	काव्य खंड : वे आंखें	आरोह	145-149	
	23	5	गद्य खंड : गलता लोहा	आरोह	54-64	
	24		क्रियाकलाप 11 : गलता लोहा कहानी का अंत एक खास तरीके से होता है। क्या इस कहानी का कोई अन्य अंत हो सकता है? चर्चा करें।			

Semester End Exam - I
(Note : Syllabus of UT I is also included for SE I)

Nov	25	5	काव्य खंड : घर की याद	आरोह	151-156	
	26		क्रियाकलाप 12 : पानी के रात भर गिरने और प्राण-मन के घिरने में परस्पर क्या संबंध है?			
	27	3	गद्य खंड : आलो - आंधारि*	वितान	21-57	
	28		क्रियाकलाप 13 : बेबी की जिंदगी में तातुश का परिवार न आया होता तो उसका जीवन कैसा होता? कल्पना करें और लिखें।			
	29	6	काव्य खंड : चंपा काले काले अच्छर नहीं चीन्हती	आरोह	158-162	
	30		क्रियाकलाप 14 : त्रिलोचन पर एन.सी.ई.आर.टी. द्वारा बनाई गई फ़िल्म देखिए और लिखिए।			
	31	4	गद्य खंड: भारतीय कलाएँ	वितान	59-69	
	32	6	गद्य खंड : स्पीति में बारिश	आरोह	68-77	
	33		क्रियाकलाप 15 : कला और भाषा के अंतर्संबंध पर आपकी क्या राय है ? लिखकर बताएँ।			
	34	7	काव्य खंड : गज़ल	आरोह	164-167	

	35	7	गद्य खंड : रजनी	आरोह	79-97	
	36		क्रियाकलाप 16 : स्पीति में बारिश का वर्णन एक अलग तरीके से किया गया है। आप अपने यहाँ होने वाली बारिश का वर्णन कीजिए।			
	37	8	काव्य खंड :1. हे भूख ! मत मचल	आरोह	169-172	
	38		क्रियाकलाप 17 : ओ चराचर ! मत चूक अवसर इस पंक्ति का आशय स्पष्ट कीजिए।			
	39	8	काव्य खंड : 2. हे मेरे जूही के फूल जैसे ईश्वर	आरोह	169-172	
	40		क्रियाकलाप 18 : समाज में मौजूद खतरनाक बातों को समाप्त करने के लिए आपके क्या सुझाव हैं?			
Dec	41	8	गद्य खंड : जामुन का पेड़	आरोह	100-110	
	42	9	काव्य खंड : सबसे खतरनाक	आरोह	173-177	
	43		क्रियाकलाप 19 : आदिवासी समाज की वर्तमान स्थिति पर टिप्पणी लिखिए।			
	44	5	गद्य खंड : लेखक के बारे में	वितान	71-72	
	45		क्रियाकलाप 20 : स्पीति में बारिश एक यात्रा-वृत्तांत है। इसमें यात्रा के दौरान किए गए अनुभवों, यात्रा-स्थल से जुड़ी विभिन्न जानकारियों का बारीकी से वर्णन किया गया है। आप भी अपनी किसी यात्रा का वर्णन लगभग 200 शब्दों में कीजिए।			
Jan	46	9	गद्य खंड : भारत माता	आरोह	112-116	
	47		क्रियाकलाप 21 : इस पटकथा में दृश्य संख्या का उल्लेख नहीं है। मगर गिनती करें तो सात दृश्य हैं। आप किस आधार पर इन दृश्यों को अलग करेंगे?			
	48	10	काव्य खंड : आओ , मिलकर बचाएँ	आरोह	179-183	
	49		क्रियाकलाप 22 : साक्षात्कार अपने-आप में एक विधा है। जामुन के पेड़ के नीचे दबे आदमी के फाइल बंद होने (मृत्यु) के लिए जिम्मेदार किसी एक व्यक्ति का काल्पनिक साक्षात्कार करें और लिखें।			
Unit Test II						
Feb	50	10	गद्य खंड : आत्मा का ताप	आरोह	118-125	
	51		क्रियाकलाप 23 : यदि आप माली की जगह पर होते, तो हुकूमत के फैसले का इंतजार करते या नहीं? अगर हाँ, तो क्यों? और नहीं,			

		तो क्यों?			
	52	क्रियाकलाप 24 : आजादी से पहले भारत निर्माण को लेकर नेहरू के क्या सपने थे? क्या आजादी के बाद वे साकार हुए? चर्चा कीजिए।			
March	Semester Exam - II (Note : Syllabus of UT II is also included for SE II)				

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
August	1	Units and Measurements	NCERT	16 - 38	
		Experiment : To measure diameter of a small spherical / cylindrical body using vernier callipers	LAXMI PUBLICATION	33 - 34	
		Experiment : To measure diameter of a given wire using screw gauge	LAXMI PUBLICATION	40 - 42	
		Experiment : To determine the mass of two different objects using a beam balance	LAXMI PUBLICATION	64 - 69	
	2	Motion in a Straight line	NCERT	39 - 64	
Unit Test I					
September	3	Motion in a Plane	NCERT	65 - 88	
		Experiment : To find the weight of a given body using parallelogram law of vectors	LAXMI PUBLICATION	78 - 83	
	4	Laws of Motion	NCERT	89 - 113	
		Experiment : To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between a block and a horizontal surface	LAXMI PUBLICATION	102 - 105	
October	5	Work, Energy and Power	NCERT	114 - 140	
	6	System of Particles and Rotational Motion	NCERT	141 - 182	
		Experiment : To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting graph between force and $\sin \theta$	LAXMI PUBLICATION	108 - 111	
Semester End Exam I (Note : Syllabus of UT I is also included for SE I)					
November	7	Gravitation	NCERT	183 - 207	
	8	Mechanical Properties of Solids	NCERT	167 - 179	
		Experiment : To determine young's modulus of elasticity of the material of a given wire	LAXMI PUBLICATION		
December	9	Mechanical Properties of Fluids	NCERT	180 - 201	
		Experiment : To study the variation in volume with pressure for a sample of air at constant temperature by plotting graphs between P and V, and between P and $1/V$	LAXMI PUBLICATION	153 - 157	
		Experiment : To determine the surface tension of water by capillary rise method	LAXMI PUBLICATION	163 - 168	
	10	Thermal Properties of Matter	NCERT	202 - 225	
		Experiment : Thermal expansion of Solids	LAXMI PUBLICATION	175 - 178	
		Experiment : Thermal expansion of Liquids	LAXMI PUBLICATION	179 - 180	
January	11	Thermodynamics	NCERT	226 - 243	
		Experiment : To study the relationship between the temperature of a hot body and time by plotting a cooling curve	LAXMI PUBLICATION	182 - 186	
		Experiment : To determine specific heat capacity of a given solids by method of mixtures	LAXMI PUBLICATION	189 - 191	
	12	Kinetic Theory	NCERT	244 - 258	
Unit Test II					

February	13	Oscillations	NCERT	259 - 277	
		Experiment : Wave motion and Velocity of Waves	LAXMI PUBLICATION	192 - 199	
	14	Waves	NCERT	278 - 299	
		Experiment : To study the realtions between frequency and length of given wire under constant tension using sonometer	LAXMI PUBLICATION	207 - 209	
		Experiment : To study the realtion between the length of given wire and tension for constant frequency using sonometer	LAXMI PUBLICATION	210- 219	
March	<i>Semester End Exam II</i> <i>(Note : Syllabus of UT II is also included for Final Exam)</i>				

Reference Books :					
Theory : NCERT Textbook					
Practical : Lakshmi Publications Comprehensive Practical Chemistry					
Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
August	1	Some Basic Concept of Chemistry	NCERT	1-28	
	1	Experiment : Introduction	LAXMI PUBLICATION	1-7	
	2	Experiment : Basic Laboratory Techniques	LAXMI PUBLICATION	8-15	
	3	Experiment : Determination of Melting Point	LAXMI PUBLICATION	16-18	
	4	Experiment : Determination of Boiling Point	LAXMI PUBLICATION	19-21	
	1	Activity : Study of Methods of Purification of Water	LAXMI PUBLICATION	140-142	
Unit Test I					
September	2	Structure of Atom	NCERT	29-73	
	5	Experiment : Purification of Chemical Substances by Crystallisation	LAXMI PUBLICATION	22-30	
	2	Activity : Analysis of Hard Water	LAXMI PUBLICATION	143- 145	
	3	Activity : To Study the Foaming Capacity of Soaps	LAXMI PUBLICATION	146- 148	
October	3	Classification of Elements and Periodicity in Properties	NCERT	74-99	
	4	Chemical Bonding and Molecular Structure	NCERT	100-135	
	6	Experiment : Experiment Based on pH Change	LAXMI PUBLICATION	31-44	
	4	Activity : The Study of Contents Responsible for Flavour of Tea	LAXMI PUBLICATION	149-152	
Semester End Exam - I (Note : Syllabus of UT I is also included for SE I)					
November	5	Thermodynamics	NCERT	136-167	
	7	Experiment : Effect of Change of Concentration on Chemical Equilibrium	LAXMI PUBLICATION	45-49	
	5	Activity : To study the Rate of Evaporation of Different Liquids	LAXMI PUBLICATION	153-156	
December	6	Equilibrium	NCERT	168-214	
	7	Redox Reaction	NCERT	235-255	
	9	Experiment : Qualitative Analysis	LAXMI PUBLICATION	80-131	
	6	Activity : Study of the Effect of Acids and Bases on the tensile Strength of Fibres	LAXMI PUBLICATION	157-159	
	7	Activity : Analysis of Vegetable and Fruit Juices	LAXMI PUBLICATION	160-161	
	8	Organic Chemistry - Some Basic Principles and Techniques	NCERT	257-294	
	8	Experiment : Quantitative Estimation (Volumetric Analysis)	LAXMI PUBLICATION	50-79	
	8	Activity : Preparation of Rayon Thread from Filter Paper	LAXMI PUBLICATION	162-163	
	9	Activity : Comparative Study of Commercial Antacids	LAXMI PUBLICATION	164-166	
Unit Test II					
February	9	Hydrocarbons	NCERT	295-327	
	10	Experiment : Detection of Elements in Organic Compounds	LAXMI PUBLICATION	132-138	
	10	Activity : Study of Adulterants in Food-stuffs	LAXMI PUBLICATION	167-168	
	11	Activity : Preparation of an Alum from Scrap Aluminium	LAXMI PUBLICATION	169-170	
March	Semester End II (Note : Syllabus of UT II is also included for Final Exam)				

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
August	1	The Living World	NCERT	125-141	
	1	Introduction	LAXMI PUBLICATION	3-5	
	2	Experiment : Use and Care of Microscope	LAXMI PUBLICATION	6-9	
	3	Experiment : Laboratory Chemicals	LAXMI PUBLICATION	10-14	
	2	Biological Classification	NCERT	16-28	
	4	Experiment : Laboratory Techniques	LAXMI PUBLICATION	15-18	
	1	Experiment : Study and Description of the Flower	LAXMI PUBLICATION	21-44	
	3	Plant Kingdom	NCERT	29-45	
2	Experiment : Preparation and Study of Transverse Sections of Monocot and Dicot Stems and Roots	LAXMI PUBLICATION	45-52		
<i>Unit Test I</i>					
September	4	Animal Kingdom	NCERT	46-62	
	3	Experiment : Study of Osmosis	LAXMI PUBLICATION	53-55	
	5	Morphology of Flowering Plants	NCERT	65-83	
	4	Experiment : Study of Plasmolysis	LAXMI PUBLICATION	56-58	
	5	Experiment : Distribution of Stomata on the Two Surface of a Leaf	LAXMI PUBLICATION	59-61	
	6	Anatomy of Flowering Plants	NCERT	84-99	
	6	Experiment : Rate of Transpiration	LAXMI PUBLICATION	62-64	
October	7	Structural Organisation in Animals	NCERT	100-122	
	7	Experiment : Test for Carbohydrates, Proteins and Fats and their Detection in Suitable Plant and Animals Material	LAXMI PUBLICATION	65-69	
	8	Cell : The Unit of Life	NCERT	125-141	
	8	Experiment : Paper Chromatography	LAXMI PUBLICATION	70-73	
	9	Biomolecules	NCERT	142-161	
	9	Experiment : Rate of Respiration	LAXMI PUBLICATION	74-76	
	10	Cell Cycle and Cell Division	NCERT	162-172	
10	Experiment : Urine Tests for the Presence of Urea, Sugar, Albumin and Bile Salts	LAXMI PUBLICATION	77-82		
<i>Semester End Exam - I</i> <i>(Note : Syllabus of UT I is also included for SE I)</i>					
November	1	Experiment : Study of the Parts of a Compound Microscope	LAXMI PUBLICATION	85-87	
	2	Experiment : Study of Specimens and Identification with Reasons	LAXMI PUBLICATION	88-106	
	3	Experiment : Study of Characters of Animals Specimens and Identification with Reasons	LAXMI PUBLICATION	107-127	
	11	Photosynthesis in Higher Plants	NCERT	206-225	
	4	Experiment : Study of Mitosis in Onion Root Tip and Animal Cell	LAXMI PUBLICATION	128-133	
	5	Experiment : Study and Identification of Different Types of Inflorescence	LAXMI PUBLICATION	134-142	
	12	Respiration in Plants	NCERT	226-238	
	6	Experiment : Study and Identification of Human Bones and Joint	LAXMI PUBLICATION	143-162	
	1	Experiment : Study of the effect of Fertilizers on the Rate of Germination, Elongation of Hypocotyl and the Length of Root	LAXMI PUBLICATION	167-169	
	13	Plant Growth and Development	NCERT	239-254	

December	2	Experiment : To Study Competition between Weeds and Crops	LAXMI PUBLICATION	170-171	
	3	Experiment : Study of Effect of Antibiotics on Microorganisms	LAXMI PUBLICATION	172-174	
	4	Experiment : To Study the Breaking of Dormancy of Seeds by KNO ₃ Ethylene and Cytokinin	LAXMI PUBLICATION	175-176	
	5	Experiment : To Study Deficiency Symptoms of Various Essential Elements and Minerals	LAXMI PUBLICATION	177-179	
JANUARY	14	Breathing and Exchange of Gases	NCERT	268-277	
	6	Experiment : Study of the Effect of Light and Gravity on Plant Growth Movement	LAXMI PUBLICATION	180-184	
	7	Experiment : Study of Effect of 2,4-D on Translocation Process	LAXMI PUBLICATION	185-187	
	15	Body Fluids and Circulation	NCERT	278-289	
	8	Experiment : Study of Effect of Gibberellin on Seed Germination and Shoot Elongation.	LAXMI PUBLICATION	188-189	
	9	Experiment : Study of the Effect of a Herbicide on Lawn Weeds.	LAXMI PUBLICATION	190-191	
	16	Excretory Products and their Elimination	NCERT	290-301	
	10	Experiment : To Study of Dispersal of Seeds by Various Agencies	LAXMI PUBLICATION	192-195	
11	Experiment : Comparative Study of the Chlorophyll content in Five Different Species of Plants	LAXMI PUBLICATION	196-198		
<i>Unit Test II</i>					
February	17	Locomotion and Movement	NCERT	302-314	
	12	Experiment : To Study the Adaptability of Cockroaches to Drastic Environmental Changes Such as (i) Absence Of Plants and Animal Food. (ii) Cold Condition and (iii) High Concentration of Carbon Dioxide	LAXMI PUBLICATION	199-202	
	18	Neural Control and Coordination	NCERT	314-330	
	13	Experiment : Study of Developmental Stages of Housefly/Cockroach	LAXMI PUBLICATION	203-207	
	14	Experiment : Study of the Effect of Osmotic Stress by Administration of Hypertonic saline in Frog	LAXMI PUBLICATION	208-209	
	15	Experiment : Study of Locomotion and Role of Different Fins in Fishes	LAXMI PUBLICATION	210-212	
	19	Chemical Coordination and Integration	NCERT	331-343	
	16	Experiment : Study of Zooplanktons from Fresh Water Ponds and Tanks	LAXMI PUBLICATION	213-214	
	17	Experiment : Estimation of Vitamin C Content in Different Types of Fruits	LAXMI PUBLICATION	215-216	
<i>Semester End II</i> <i>(Note : Syllabus of UT II is also included for Final Exam)</i>					

Month	Ls. No.	Topic	Name of the Book	Pg. No.	Date of Completion
Aug	1	Computer System Overview			
	2	Data Representation			
	3	Boolean Logic			
		Practical 1. A. Input a welcome message and display it.			
		Practical 1. B. Display the terms of a Fibonacci series.			

Unit Test I

Sept	4	Introduction to Problem Solving			
	5	Python fundamentals			
		Practical 2. Determine whether a number is a perfect number, an Armstrong number or a palindrome.			
		Practical 3. Count and display the number of vowels, consonants, uppercase, lowercase characters in string.			
Oct	6	Flow of Control			
	7	String Manipulation			

Semester End Exam I

(Note : Syllabus of UT I is also included for SE I)

Nov	8	List Manipulation			
	9	Tuples			
		Practical 4. Input a list of numbers and swap elements at the even location with the elements at the odd location.			
Dec	10	Dictionaries			
		Practical 5. Input a list/tuple of elements, search for a given element in the list/tuple.			
Jan	11	Introduction to Python Modules			
		Practical 6. Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75.			

Unit Test II

Feb	12	Cyber Safety			
	13	Computer Security			
March	Semester End Exam II (Note : Syllabus of UT II are also included for Final Exam)				

Month.	Ls. No.	Topic	Pg. No.	Name of the Book	Date of completion
Aug	1	Sets and Functions	01 - 18		
		Activity: Number of Subsets of a Given Set			
		Activity : Number of Relations			
Unit Test I					
Sept	2	Relations and Functions	24 - 30		
		Activity: Set-Theoretic Operations using Venn Diagrams			
	3	Trigonometric Functions	43 - 75		
Oct		Activity: Distributive Law For Three Given Non- Given Non-empty sets			
	4	Complex Numbers and Quadratic Equations	76-88		
		Activity: Differentiate between Relations and Functions			
Semester End Exam I (Note : Syllabus of UT I is also included for SE I)					
Nov	5	Linear Inequalities	89-99		
		Activity: System of Measurement of Angles			
Dec	6	Permutations and Combinations	100-125		
		Activity : Graph of Trigonometric Function			
	7	Binomial Theorem	126-134		
		Activity: Quadratic Function			
		Activity : Graphical Solution of Linear Inequalities			
	8	Sequences and Series	135-154		
		Activity : Number of Combination			
		Activity : Pascal's Triangle and Binomial Expression			
	9	Straight Lines	155-175		
	Activity: Sum of Squares of the First "n" Natural Numbers				
	Activity : Comparison between Arithmetic Mean and Geometric Mean				
Jan	10	Conic Sections	176-207		
		Activity: Sum of Cubes of the First 'n' Natural Number.			
		Activity: Equation of Family of Lines Passing through the point of Intersection of Two lines			
	11	Introduction to Three Dimensional Geometry	208- 2116		
		Activity: Different types of Conic Sections			
	Activity : Construction of Parabola				
Unit Test II					
Feb	12	Limits and Derivatives			
		Activity: Construction of an Ellipse			
	13	Statistics	208- 2116		
		Activity: Limit of a Function			
		Activity: Geometrical Significance of Derivation			
	14	Probability			
	Activity: Mathematical Reasoning				
	Activity : Sample Space				
March	Semester End II (Note : Syllabus of UT II is also included for Final Exam)				

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
Practical - Physical Fitness Test : SAI Khelo India Test, Brockport Physical Fitness Test (BPFT)					
August	1	Changing Trends and Careers in Physical Education	New Saraswati House Pvt Ltd,	1.1 - 1.30	
		Activity: Organise the following activities with the help of teachers and other staff members to celebrate Fitness Week in your school for IXth and Xth class students. (i) Mass Physical Training Exercises (ii) Yogic Exercises (iii) Quiz competition on " Health and Fitness" (iv) Slogan writing competition (v) Flamingo Balance Test (vi) Lecture on "Importance of Health & Fitness" by students and teachers.			
Unit Test I					
September	2	Olympics Value Education	New Saraswati House Pvt Ltd,	2.1 - 2.23	
		Activity : Put the students in pairs / groups and give them an Olympics quiz to enhance the knowledge about Olympics.			
	3	Yoga	New Saraswati House Pvt Ltd,	3.1 - 3.36	
		Activity : Organize a yoga camp for students from Nursery to VIII class students.			
October	4	Physical Education and Sports for CWSN . (Children with Special Needs - Divyang)	New Saraswati House Pvt Ltd,	4.1 - 4.17	
		Activity : With the help of your teachers, arrange the Brockport Physical Fitness Test in your school for the students with special needs.			
		Activity : Mention 10 points on "What not to say" to someone with a disability on posters			
Semester End Exam - I (Note : Syllabus of UT I is also included for SE I)					
November	5	Physical Fitness, Health and Wellness	New Saraswati House Pvt Ltd,		
		Activity : With the help of " Sit and Reach Test " measure the flexibility of all the students of your class and show the report to your teacher.			
		Activity : Calculate the BMI of the students of your class so that they may be aware of their body weight. Prepare a detailed report on the basis of WHO criteria.			
December	6	Test, Measurement & Evaluation	New Saraswati House Pvt Ltd,		
		Activity : Being a student of physical education, it becomes your foremost responsibility to be well aware about the significance of health-related fitness. Keeping that in point of view, prepare your profile of health - related fitness as per the below given format : Name of the test Item Name / Class / Roll no. ----- (i) Sit and Reach Test (ii) BMI (iii) Sits Ups (iv) Harvard Step Test (v) Flamingo Balance Test			
January	7	Fundamentals of Anatomy and Physiology in Sports.	New Saraswati House Pvt Ltd,		
		Activity : Sketch the front view of the human skelton and discuss the various joints with your classmates			
		Activity : How many bones can you identify in the human skelton ? Write down their names.			
Unit Test II					
February	8	Fundamentals of Kinesiology and Biomechanics in Sports	New Saraswati House Pvt Ltd,		
		Activity : Discuss the below given topics in small groups. How does biomechanics help in preventing injuries ? How can biomechanics improve athletics performance ? How can biomechanics helps a coach to train sportsperson in a more scientific way ?			
	9	Psychology and Sports	New Saraswati House Pvt Ltd,		
	10	Training and Doping in Sports	New Saraswati House Pvt Ltd,		
March	Semester End II (Note : Syllabus of UT II is also included for Final Exam)				

Grade : XI

Subject : Accountancy

Month	Sr. No.	Ls.No.	Topic	Name of the book	Pg. No.	Date of completion	
August	1	1	Introduction t+C3:F19o Accounting Activity: Refer pg. 22 of textbook	Accountancy Part 1 (NCERT)	1 to 22		
	2	2	Theory Base of Accounting Activity: Refer activity 2 pg no. 44	Accountancy Part 1 (NCERT)	23 to 45		
	3	3	Recording of transaction-1 Activity: Prepare the specimen of debit and credit voucher	Accountancy Part 1 (NCERT)	46 to 71		
	Unit Test I						
September	4	3	Recording of transaction-1 Activity: From your household/Family transaction of a month, prepare journal as well as ledger.	Accountancy Part 1 (NCERT)	71 to 98		
	5	4	Recording of Transaction-2 Activity: Make list of 20 transactions and find out in which type of subsidiary book these transaction are recorded.	Accountancy Part 1 (NCERT)	99 to 159		
	6	5	Bank Reconciliation Statement Activity: Visit any one sole trader near your area and compare their cash book and pass book and identify the error.	Accountancy Part 1 (NCERT)	160 to 179		
October	7	6	Trial Balance and Rectification of Errors	Accountancy Part 1 (NCERT)	180 to 194		
	Semester End Exam-I (Note : Syllabus of UT I is also included for SE I)						
November	8	6	Trial Balance and Rectification of Errors Activity: Make a poster on guiding principles of rectification of errors	Accountancy Part 1 (NCERT)	196 to 225		
	9	7	Depreciation, Provision and Reserves	Accountancy Part 1 (NCERT)	226 to 258		
December	10	7	Depreciation, Provision and Reserves Activity: Look at your sourrounding and identify atleast 5 depreciable assets in your home, school,hospital, printing press and in a	Accountancy Part 1 (NCERT)	259 to 268		
	11	8	Financial Statement-1	Accountancy Part 2 (NCERT)	319 to 334		
January	12	8	Financial Statement-1 Activity: Arrange the following items in the order of both permanence and liquidity. Also group them under logical heads. LIABILITIES: Long-term loans, Bank overdraft, Bills payable, Owner's Equity, Short-term loans, Sundry Creditors. ASSETS: Building, Cash in hand, Cash at bank, Sundry Debtors, Land, Finished goods, Work in progress, Raw Material.	Accountancy Part 2 (NCERT)	335 to 359		
	Unit Test II						
February	13	9	Financial statement-2 Assignment: Analyze and make report in 100 to 150 words of the financial statement of 2021-22 of Reliance group	Accountancy Part 2 (NCERT)	360 to 424		
March	Semester End Exam-II (Note : Syllabus of UT II is also included for Final Exam)						

Month	Sr. No.	Ls.No.	Topic	Name of the Book	Pg. No.	Date of Completion	
August	1	1	Introduction	Introductory Microeconomics	1-7		
	2	1	Introduction	Statistics for Economics	1-8		
			Activity : Write two examples of qualitative and quantitative data				
			Activity : Write down a note on which of the following would give you qualitative data ; beauty, intelligence, income earned , marks in a subject , ability to sing , learning skills ?				
	3	2	Theory of Consumer Behaviour	Introductory Microeconomics	8-35		
	4	2	Collection of Data	Statistics for Economics	9-21		
			Activity : You have to interview the parents about the quality of teaching in a school.				
			Activity : You have to analyse the trend of foodgrains production in India for the last fifty years. As it is difficult to collect data for all the years, you are asked to select a sample of production of ten years. Using the Random Number Tables , how will you select your sample year.				
		Activity : Collected information from a person who lives in a remote village of India.Which mode of data collection will be appropriate and why ? Write down in 100 - 150 words.					
Unit Test - I							
September	5	3	Production and Costs	Introductory Microeconomics	36-52		
	6	3	Organisation of Data	Statistics for Economics	22-39		
			Activity : Population of India (in crores)				
			Year	Population (Crores)			
			1951	35.7		1961	
		43.8		1971			
		54.6		1981	68.4		
		1991	81.8		2001		
		102.7		2011			
		121.0		From the above table,find out			
		the years in which India's population was minimum and maximum.					
		Activity : Yield of Wheat for Different Countries (2013)					
		Country	Yield of wheat (kg/ hectare)				
		Canada	3594		China		
		5055		France	7254		
		Germany	7998		India		
		3154		Pakistan	2787		
		From the above table, find the country whose yield of wheat is slightly more than that of India's. How much would that be in terms of percentage ?					
		Activity : Frequency Distribution of Marks in Mathematics of 100 students					
		Marks	Frequency				
		1		10-20	8	0 -10	
		20 - 30	6		30 - 40		
		7		40 - 50	21		
		50 - 60	23		60 - 70		
		19		70 - 80	6		
		80 - 90	5		90 - 100		
		4		Express the values of frequency from the above			
		table as proportion or percentage of total frequency.Note that frequency expressed in this way is known as relative frequency					
		Activity : Distinguish the following variables as continuous and discrete: Area, volume, temperature, number appearing on a dice, crop yield, population, rainfall, number of cars on road and age.					
Unit Test I							
October	7	4	The Theory of the Firm under Perfect Competition	Introductory Microeconomics	53 - 70		
	8	4	Presentation of Data	Statistics for Economics	40 - 57		
			Activity : Discuss how the total values are arrived at in Table 4.1 on Page No.41				
			Activity : Collect the number of students in each class studying in the current year in your school. Draw a bar diagram for the same table.				
			Activity : How many states (among major states of India) had higher female literacy rate than the national average in 2011 ? Write a note on it .				
			Activity : Has the gap between maximum and minimum female literacy rate over the states in two consecutive census years 2001 and 2011 declined ? Write a short note on it.				
		Activity : Represent the data presented through Fig 4.4 on Pg No. 49 by a component bar diagram					

		Semester End Exam-I <i>(Note : Syllabus of UT I is also included for SE I)</i>				
NOVEMBER	9	5	Market Equilibrium	Introductory Microeconomics	71-87	
	10	5	Measures of Central Tendency	Statistics for Economics	58 - 73	
			Activity : Take 5 dice & threw it collect five digit from the dice and then calculate arithmetic mean of it			
			Activity : Find mean and median for all four values of the series. What do you observe ? Mean and Median of different series			
			Series X (Variable Values)	Mean	Median	A
			1,2,3	?	?	B
			?	?	C	1,2,300
		D	1,2,3000	?	?	
		affected by extreme values ? What are outliers ?			(i) Is median	
		(ii) Is median a better method than mean ?				
		Activity : A shoe company, making shoes for adults only , wants to know the most popular size of shoes. Which average will be most appropriate for it ?				
		Activity : Take a small survey in your class to know the students preference for Chinese food using appropriate measure of central tendency .				
		Activity : Write in 150 - 200 words that can mode be located graphically ?				
DECEMBER	11	6	Measure of Dispersion	Statistics for Economics	74 - 90	
			Activity : Collect data about 52 week high / low of shares of 10 companies from a newspaper. Calculate the range of share prices. Which company's share is most volatile and which is most stable ?			
			Activity : Calculate the total distance to be travelled by students if the college is situated at town A , at town C, or town E and also if it is exactly half way between A and E			
			Activity : As per above activity decide where in your opinion the college should be established, if there is only one student in each town. Does it change your answer ?			
	12	7	Correlation	Statistics for Economics	91 - 106	
		Activity : Using data related to India's population and national income, calculate the correlation between them using step deviation method.				
January	13	8	Index Numbers	Statistics for Economics	107 - 121	
			Activity : Collect data from the local vegetable market over a week for, at least 10 items. Try to construct the daily price index for the week. What problems do you encounter in applying both methods for the construction of a price index ?			
			Activity : Check from the newspapers and construct a time series of sensx with 10 observations. What happens when the base of the consumer price index is shifted from 1982 to 2000 ?			
	14	9	Use of Statistical Tools	Statistics for Economics	122 - 130	
Unit Test II						
March	Semester End Exam-II <i>(Note : Syllabus of UT II is also included for Final Exam)</i>					

Month	Sr.No	Ls.No	Topic	Name of the Book	Pg. No	Date of Completion
JULY	1	1	Part 1 : Foundation of Business : Business , Trade and Commerce	Business Studies	2-26	
	2		Activity 1 : Prepare a project report on the development of Trade and Commerce between 1st and 17th AD.			
	3		Activity 2 : Collect information on any five sectors of the economy that Make in India focuses on. Find out the amount of investment in these sectors in the past two years . What were the possible reasons that led to an interest of investors in these sectors? Make a Report in a table form.			
AUGUST	4	2	Part 1 : Foundation of Business : Forms of Business Organisation	Business Studies	27-58	
	5		Activity 3 : Divide students into teams to write on the following : - (1) To study the profiles of anyfive neighbourhood grocery/stationary store . (2) To conduct a study into the functioning of a Joint family business. (3) To enquire into the profile of five partnerships firms.(4) To study the ideology and working of cooperative societies in the area. (5) To study the profiles of any five companies (inclusive of both private and public companies)			
	6	3	Part 1 : Foundation of Business : Private , Public and Global Enterprises	Business Studies	59-81	
	7		Activity 4 : Make a list of Indian companies entering into joint ventures with foreign companies. Find out the apparent benefits derived out of ventures.			
Unit Test I						
SEPTEMBER	8	4	Part 1 : Foundation of Business : Business Services	Business Studies	82-116	
	9		Activity 5 : Do a project on banking services . Approach a nearby bank and collect information about various services offered by them and also collect leaflets about salient features of different schemes . Compile and suggest what extra services you may like to propose .			
	10	7	Part 2 : Corporate Organisation , Finance and Trade : Formation of a Company	Business Studies	164 - 184	
	11		Activity 6 : Find out from the office of the Registrar of Companies , the actual procedure for formation of companies . Does it match with what you have studied. What are the obstacles which companies face in getting themselves registered.			
OCTOBER	12	5	Part 1 : Foundation of Business : Emerging Modes of Business	Business Studies	117 - 143	
	13		Activity 7 : Compare and contrast the products and their prices available on the internet and in retail shops . Is the quality , customer satisfaction and other factors the same ?			
	14		Activity 8 : Study any business unit / company which is using e-commerce , e- business as a way of doing business. Interview some people working there ad find out the advantages in practical business in terms of its costs also.			
	15	8	Part 2 : Corporate Organisation , Finance and Trade : Sources of Business Finance	Business Studies	185 - 210	
	16		Activity 9 : Institutional financing has gained importance in recent years . In a scarpbook paste detailed information about various financial institutions that provide financial assistance to Indian companies.			
	17		Activity 10 : Prepare a comparative chart of all sources of finance			
Semester End Exam-I (Note : Syllabus of UT-I is also included for SE-I)						
NOVEMBER	18	6	Part 1 : Foundation of Business : Social Responsibilities of Business and Business Ethics	Business Studies	144 - 162	
	19		Activity 11 : Develop and put in writing a code of ethics for use in the classroom . Your document should include guidelines for students , teachers , and the principal .			
	20		Activity 12 : Choose a company and prepare a report on Corporate Social Responsibility undertaken by it .			
	21	9	Part 2 : Corporate Organisation, Finance And Trade : Small Business and Entrepreneurship	Business Studies	211 - 232	
	22		Activity 13 : Prepare a questionnaire to find out the actual problems faced by an owner of a small scale unit . Prepare a project report on it.			
DECEMBER	23	10	Part 2 : Corporate Organisation, Finance And Trade : Internal Trade	Business Studies	233-262	
	24		Activity 14 : Do you know any retailers selling secong hand goods in your area ? Find out the category of the product that they deal in ? Which products are suitable for resale? List some of your findings . What conclusion do you draw ?			
	25		Activity 15 : Do you observe any difference in the retail business of yesterday and the times to come . Prepare a brief write - up and discuss it in class .			

JANUARY	26	11	Part 2 : Corporate Organisation, Finance And Trade : International Business	Business Studies	263 - 310	
	27		Activity 16 : Write in brief the Benefits of ' Make in India ' scheme of Government of India in the promotion of internal and external trade of India.			
			<i>Unit Test II</i>			
March			<i>Semester End Exam-II</i>			

Reference Book : 1. Flamingo						
2. Vistas						
Month	Sr. No.	Ls. No.	Topic	Name of the Book	Pg. No.	Date of Completion
			Grammar : Tenses			
April	1	1	Prose : The Last Lesson	Flamingo	2-12	
	2	1	Poetry : My Mother At Sixty Six	Flamingo	90-91	
	3	1	Supplementary Reader : The Third Level	Vistas	1-7	
	4		Writing Skills : Drafting a Notice : (1) You are the secretary, Science Club of your school. Write a notice for your school notice-board encouraging the bright Science students of classes XI AND XII to participate in the Inter-School Exhibition to be held next week in a neighbouring school. (Classwork)			
	5		Writing Skills : Drafting a Notice : (2) You are Abhinav/ Abha. You have planned a 2 week course to be arranged to help the children of your group housing society at Kanpur, acquire the oral communication skills. Prepare a notice for the society's notice board, stating the objectives of the course, giving necessary details of the course and requesting the children of the society to join the course. (Homework)			
	6		Writing Skills : Drafting a Notice: (3) As Librarian of Crescent International School, Gwalior, draft a notice in not more than 50 words asking all students and teachers to return the library books they have borrowed, two days before the commencement of the examination. (Homework)			
June	7	2	Prose : Lost Spring	Flamingo	13-22	
	8	2	Poetry : Keeping Quiet	Flamingo	92-94	
	9	2	Supplementary Reader : The Tiger King	Vistas	8-17	
	10		Writing Skills : Drafting Advertisement : (1) You are General Manager , Hotel Dosa, Gurgaon . You need a lady Front Office Assistant with sound knowledge of computers. She must be graduate and good in communication skills with pleasing manners . Draft an advertisement in not more than 50 words to be published in Gurgaon Times . (Classwork)			
	11		Writing Skills : Drafting an Advertisement : (2) You have recently started a Yoga Centre for school children . Draft an advertisement to be published in local daily about it , giving all relevant details . (Word limit : 50 words) (Homework)			
	12		Writing Skills : Drafting an Advertisement : (3) You are General Manager of Shivalik Orchards and Gardens (P) Ltd., Dehradun. You give the following notes to your stenographer contained in the input to prepare an advertisement for publication in a newspaper. Using the information ,given in the input , write the advertisement in about 50 words . (Homework)			
July	13	3	Prose : Deep Water	Flamingo	23 - 31	
	14	3	Supplementary Reader : Journey to the end of the Earth	Vistas	18-23	
	15		Writing Skills : Designing A Poster : (1) Design a poster for promoting good health through ' Health Mela'. (Classwork)			
	16		Writing Skills : Designing A Poster : (2) Design a Poster in not more than 50 words for your school library on the value of books and reading habits. You may use slogans. (Homework)			

	17		Writing Skills : Designing A Poster : (3) Recent rains have caused havoc in Jammu and Kashmir . You are Surya , a member of the social service organisation, SEVA MANDIR , Ahmedabad . Draft a poster requesting people to help flood affected families physically and economically. (Homework)			
August	18	4	Prose : The Rat Trap	Flamingo	32-45	
	19		Writing Skills : Formal Invitation (Printed) : (1) You are Faiz/ Falak Mazumdar , living at 39, Udampur Colony, Shimla. You decide to hold a dinner party to congratulate your grandparents on their golden wedding anniversary. Draft a formal invitation in not more than 50 words to all the family members to attend a grand dinner at home. (Classwork)			
	20		Writing Skills : Formal Invitation (Not Printed) : (1) You are the Secretary of the Old Student's Association, Mordern School, Barakhambha Road, New Delhi. Using the information given in the input , write invitation letters to all the old students of the school on the Alumni Meet. (Alumni Meet on 20th August - Dinner & Dance - at Ashoka Hotel, Delhi - confirm your seats) (Classwork)			
	21		Writing Skills : Formal Invitation (Not Printed) : (2) You are the Director of Career Orientations, a leading name in postal- coachingfor competitive examinations ,including IIT- JEE and CBSE -PMT . Using the information given below in the input, write letters to the Principals of some selected ' Prestigious Schools' inviting the names of two brilliant students from each institution to attend their Contact Programme free of cost) (Homework)			
Unit Test I						
			Grammar : Clauses			
	22	5	Prose : Indigo	Flamingo	46-56	
	23	3	Poetry : A Thing of Beauty	Flamingo	95 - 96	
	24	4	Supplementary Reader : The Enemy	Vistas	24-47	
	25		Writing Skills : Informal Invitation : (1) Your friend from Manipur is staying in the school hostel. Using the information given below in the input, send him an invitation to celebrate Diwali at your house. (Classwork)			
	26		Writing Skills : Informal Invitation : (2) A pen - friend of yours is visiting India in summer . Using the information, given below in the input , send an invitation to him to spend a few days at your farm house at a village in Haryana. (Homework)			
	27		Writing Skills : Respond to Invitation : (1) You are Abhinav/Aakriti . You have received a letter from your close friend , inviting you to attend the marriage of his sister. But unfortunately, you cannot attend it due to your previous commitments. Write him a letter regretting your inability to attend the marriage ceremony. (Classwork)			
	28		Writing Skills : Application for a job : (1) Write an application (including a resume) in 120-150 words for the post of receptionist advertised in a national newspaper by JHL Publisher, Peshwa Road, Pune . You are Karuna , M-114, Mall Road, Pune, a graduate from SNTD University and have done a secretarial practice course from TWCA, Mumbai. (Classwork)			

September	29		Writing Skills : Application for a job : (2) Sunshine Public School, Pune, requires two sports coaches (one male and one female). Each should be a degree holder in physical education as well as an SAI CERTIFIED COACH in athletics. You have seen their advertisement and you know that you have these qualifications. Write an application in 120-150 words along with your resume. You are Praveen/Praveena, M-114, Najafgarh, Delhi. (Homework)			
	30		Writing Skills : Letters to Principles/Institutions : (1) Mountview Public School, Kalka is run by an NGO to give quality education to the children of the deprived sections of society. The Principal of the school feels that blackboards in the classrooms need to be replaced. She decides to ask the chairperson of the NGO named ' Education for All' for funds. Write her letter in 120-150 words. Her name is Shweta Pandit (Classwork)			
	31		Writing Skills : Letters to Principles/Institutions : (2) The Pre- Board English Examination of Happy Valley School, Secunderabad is on the same day as the All India Entrance Exam for the Indian School of Languages. Kiran Seth , the prefect of Class XII-A writes a letter to the principal of her school requesting him/her to cahnge the date of the English Exam. Write the letter in your own words. (Homework)			
	32		Writing Skills : Respond to Invitation : (2) You are Arun / Aruna. You have been invited to attend the wedding of your friends sister during summer vacation. Respond to the invitation accepting the invitation. (Homework)			
			Grammar : Transformation of sentences			
	33	6	Prose : Poets and Pancakes	Flamingo	57-67	
	34	4	Poetry : A Roadside Stand	Flamingo	97-99	
	35	7	Prose : The Interview (Part 1 & 2)	Flamingo	68-76	
	36	5	Supplementary Reader : Should Wizard hit Mommy	Vistas	48-55	
	37	6	Supplementary Reader : On the face of it	Vistas	56-69	
	38		Writing Skills : Business Letters (Placing Order) : (1) You are Neeraj/Neeraja Shekhar, Principal, Vasant Public School, Pune. Your school has just started a music department . Write a letter to the Manager of Melody House , Pune , wholesale suppliers of musical instruments , placing an order for musical instruments for the school. Ask for a discount on the catalogue prices. (120-150 words) (Classwork)			
	39		Writing Skills : Business Letters (Placing Order) : (2) You are incharge of Physical Education in your school, A.P.S. Moradabad . Write a letter to Messrs Pioneer Sports Co., Ambala , placing an order for a minimum of 4 sports items with details. Ask for the discounts also. Sign as Raman. (Homework)			
	40		Writing Skills : Letters for Enquiry / Asking for Information : (1) You are John / Urmila , the Tour to Incharge of Grant Public School, Agra. During the summer break, you are planning to organise a tour to a place of historical importance . Write a letter to The National Travel Agency , Agra enquiring about the charges, facilities and all the other necessary details. (Classwork)			

October	41	Writing Skills : Letters for Enquiry / Asking for Information : (2) This summer vacation you are planning to visit Shimla. Write a letter to a travel agency in Shimla requesting hem to book you a room in a five star hotel. Give other details of your journey and facilities you require there. Sign as Leela/Mohan, C/5 Assam. (Homework)			
	42	Writing Skills : Business Complaints : (1) Write a letter to the Standard Book Co., Cannanore, complaining about the poor quality of books supplied to your library . You are Mohan/ Mohini , Librarian of Iajpat Rai Secondary School, Mumbai. (Classwork)			
	43	Writing Skills : Business Complaints : (2) You are Kumaran/ Koyala, Vice President , Customer Care , Shopmart Online. You have received a letter of inquiry from a dissatisfied customer seeking information about your companys exchange policy. Write a letter of reply in about 120-150 words to this customer giving information about the same. (Homework)			
	44	Writing Skills : Official Letters : (1) You are Jay/ Jaya living at 1, Mg Road , Trichy. You are appearing for the All India Pre Medical Entrance Test conducted by the CBSE. You have got your admit card but you want to get your centre changed to New Delhi . Write a letter to the Asstt. Secretary , AIPMT Examination, CBSE, Preet vihar , Delhi seeking the change of your centre . Furnish valid reasons for your request. (Classwork)			
	45	Writing Skills : Official Letters : (2) Write a letter to the station master , Anand, informing him about the loss of your suitcase which you realised only on alighting at Anand. You travelled by Navjivan Express from Chennai to Anand. You are Priya/ Prasad of 12, Kasturi Bai Street , Chennai -20 (Homework)			
	46	Writing Skills : Official Letters : (3) Yesterday you went to Sunrise Hospital , Market Road, New Delhi taking with you the victim of a hit and run accident . There were chaotic conditions in the casualty department. The injured was attended to after a lof of precious time had been lost. Write a letter of complaint in 120-150 words to the Medical Superintendent. You are Karan / Karuna , M-114, Mall Road, Delhi. (Homework)			
	47	Writing Skills : Letter to the Editor : (1) Games and Sports are not given so much importance in the country as is given to academics . As a result of this our achievements in the international arena have not been very spectacular. Write a letter to the editor of a national daily on the importance of sports and games and on the need to create awareness about it. You are Sunita / Sameer , 8 / 35, M.G. Road, Bengaluru. (Classwork)			
	48	Writing Skills : Letter to the Editor : (2) Due to insanitary conditions in the colony, the population of rodents has been multiplying exposing the residents to multiple diseases. Write a letter to the Municipal Commissioner bringing the problem to his notice and urging him to take urgent action in the matter . You are Suraj / Supriya , 12 M.G. Road , Chennai. (Homework)			
Semester End Exam - I (Note : Syllabus of UT I is also included for SE I)					
		Grammar : Gap filling			
	49	5 Poetry : Aunt Jennifer's Tigers	Flamingo	100-101	

November	50		Writing Skills : Articles : (1) Your family has recently shifted from Kota in Rajasthan to Ernakulam in Kerala , where your house is situated in the midst of beautiful flowering plants and fruit - yielding trees. Every minute and every second, you are experiencing the joy of being in the lap of nature . Write an article in 150-200 words on the diversity of nature that you have experienced. You are Latha / Lalitha of Class XII. (Classwork)			
	51		Writing Skills : Articles : (2) Spurt of violence previously unknown in Indian schools makes it incumbent on the educationists to introduce value education effectively in schools. Write an article in 150-200 words expressing your views on the need of value education. You are Anu/Arun. (Homework)			
	52		Writing Skills : Articles : (3) Most of the students remain glued to television resulting in a lack of activity. Although the introduction of comprehensive assessment makes it necessary for them to participate in one of the activity or the other, A majority of them try to avoid sports and games . Write an article in 150-200 words on the need of making sports and games compulsory for students. You are Praveen / Priya . (Homework)			
December	53	8	Prose : Going Places	Flamingo	77-88	
	54	7	Supplementary Reader : Evans Tries on O - level	Vistas	70-92	
	55	8	Supplementary Reader : Memories of Childhood	Vistas	93-100	
	56		Writing skills : Debates : (1) Write debates in about 150-200 words ' for the motion' and 'against the motion ' in the following case - Capital punishment has no place in a civilised society. (Classwork)			
	57		Writing skills : Debates : (2) : Write debates in about 150-200 words ' for the motion' and 'against the motion ' in the following case - Should women join defence services ? (Homework)			
	58		Writing skills : Debates : (3) : Write debates in about 150-200 words ' for the motion' and 'against the motion ' in the following case - Reservation Policy (Homework)			
	59		Writing Skills : Report Writing : (1) MMD School , Nashik , recently organised a science symposium on the topic : 'Effect of pollution on quality of life' . You are Amit / Amita Raazdan , editor of the school magazine. Write a report on the event for your school magazine . (120-150 words) (Classwork)			
	60		Writing Skills : Report Writing : (2) You are Raza / Razia , a staff correspondent of Laxmi Publications, New Delhi . ' The World Book Fair ' which lasted for a month at the Pragati Maidan in New Delhi was the hot topic of all book lovers. Using the information given in the input below along with your own details , write a report on it in about 150-200 words for your newspaper. (World Book Fair - at Pragati Maidan , New Delhi- hot topic of book lovers-inaugurated by HRD Minister - many national and international publishers- books on arts-history geography-science-computers-engineering-literature - quite costly - paperback editions cheaper- good business. (Classwork)			

	61	<p>Writing Skills : Report Writing : (3) You are Ashoka / Abha , the student editor of your school magazine , 'Pankaj'. Your school organised a ' Blood Donation Camp ' on the occasion of its silver jubilee Celebrations . Using the information given in the verbal input along with your own details , write a report in about 150 - 200 words for your school magazine on this widely acclaimed activity. (C.R. Public school , Ambala - celebrated its silver jubilee in style - organised ' Blood Donation Camp ' - N.S.S Unit - coordinated with the red cross society - volunteers - four doctors and six nurses - donors given milk and fruit - lucky draw at the end - commendation certificates) (Homework)</p>			
Jan	Prelim Exam I				
	Prelim Exam II				

Month	Sr. No.	Ln. No.	Topic	Name of the book	Pg. No.	Date of Completion
April	1	1	काव्य खंड : 1. आत्मपरिचय	आरोह	3-6	
	2		क्रियाकलाप 1 : वर्तमान समय में परिवार की संरचना, स्वरूप से जुड़े आपके अनुभव इस कहानी से कहां तक सामंजस्य बिटा पाते हैं? कक्षा में चर्चा कीजिए और लेख लिखिए।			
	3	1	काव्य खंड : 2. एक गीत	आरोह	7-8	
	4		गद्य 2. भक्तिन : महादेवी वर्मा	आरोह	69-83	
	5		क्रियाकलाप 2 : पांच वर्ष की वय में ब्याही जानेवाली लड़कियों में सिर्फ भक्तिन नहीं है, बल्कि आज भी हजारों अभागिनियां हैं। बाल -विवाह और उम्र के अनमोलपन वाले विवाह की अपने आस -पास हो रही घटनाओं पर दोस्तों के साथ परिचर्चा करें। और लेख लिखिए।			
	6	1	गद्य खंड : सिल्वर वैडिंग: मनोहर श्याम जोशी	वितान	1-20	
	7		क्रियाकलाप 3 : संसार में कष्टों को सहते हुए भी खुशी और मस्ती का माहौल कैसे पैदा किया जा सकता है? कक्षा में चर्चा कीजिए और लेख लिखिए।			
June	8	2	काव्य खंड : पतंग	आरोह	9-14	
	9		क्रियाकलाप 4 : महज एक धागे के सहारे, पतंगों की धड़कती ऊंचाइयां 'उन्हें (बच्चों को) कैसे थाम लेती है? चर्चा करें और लेख लिखिए।			
	10	2	गद्य खंड : 1. बाजार दर्शन : जैनेंद्र कुमार	आरोह	84-96	
	11		2. जूझ : आनंद यादव	वितान	21-34	
	12		क्रियाकलाप 5 : पानी का संकट वर्तमान स्थिति में भी बहुत गहराया हुआ है। इसी तरह के पर्यावरण से संबद्ध अन्य संकटों के बारे में लिखिए और कक्षा में चर्चा कीजिए।			
	13	3	काव्य खंड : कविता के बहाने	आरोह	14-17	
	14		क्रियाकलाप 6 : आधुनिक युग में कविताओं की संभावनाओं पर चर्चा कीजिए और लिखिए।			
July	15	3	काव्य खंड : बात सीधी थी पर	आरोह	18-19	
	16		क्रियाकलाप 7 : बादलों से संबधित अपने - अपने क्षेत्र में प्रचलित गीतों का संकलन करें तथा कक्षा में चर्चा करें और लेख लिखिए।			
	17	4	गद्य खंड : काले मेघा पानी दे : धर्मवीर भारती	आरोह	97-99	
	18		क्रियाकलाप 8 : आपके खयाल से पढ़ाई - लिखाई के संबंध में लेखक और दत्ता जी राव का रैवया सही था या लेखक के पिता का ? तर्क सहित उत्तर दीजिए कक्षा में चर्चा कीजिए।			
	19	4	काव्य खंड : कैमरे में बंद अपाहिज	आरोह	23-26	

	20		क्रियाकलाप 9 : सामाजिक उद्देश्य से युक्त ऐसे कार्यक्रम को देखकर आपको कैसा लगेगा? अपने विचार संक्षेप में लिखिए।			
August	21	2	गद्य खंड : पालवन की ढोलक : फणीश्वर नाथ रेणु	आरोह	106-117	
	22		क्रियाकलाप 10 : बहलाती सहलाती आत्मीयता बर्दाश्त नहीं होती है -और कविता के शीर्षक सहर्ष स्वीकारा है में आप कैसे अंतर्विरोध पाते हैं। चर्चा कीजिए।			
	23	5	गद्य खंड : अतीत में दबे पांव: ओम थानवी	वितान	35-52	
	24		क्रियाकलाप 11 : सिंधु – सभ्यता साधन – संपन्न थी, पर उसमें भव्यता का आडंबर नहीं था। कैसे?			
	25	5	काव्य खंड : सहर्ष स्वीकार है	आरोह	27-33	
	26		क्रियाकलाप 12 : ढोलक की थाप मृत -गांव में संजीवनी शक्ति भारती रहती थी -कला से जीवन के संबंध को ध्यान में रखते हुए चर्चा कीजिए और लिखिए।			

Unit Test I

September	27	3	गद्य खंड : चार्ली चैप्लिन यानी हार हम सबकी: विष्णु खेर	आरोह	118-127	
	28		क्रियाकलाप 13 : कवि बादलों किस रूप में देखता है? कालिदास ने मेघ दूत काव्य में मेघों को दूत के रूप में देखा। आप अपना कोई काल्पनिक बिंब दीजिए और लिखें।			
	29	6	काव्य खंड : उषा	आरोह	34-38	
	30		क्रियाकलाप 14 : तुलसी के युग की बेकारी के क्या कारण हो सकते हैं? आज की बेकारी की समस्या के कारणों के साथ उसे मिलाकर कक्षा में परिचर्चा करें और लिखें।			
October	31	6	काव्य खंड : बादल राग	आरोह	39-44	
	32		क्रियाकलाप 15 : माडर्न टाइम्स द ग्रेट डिक्टेटर आदि फिल्मों में कक्षा में दिखाई जाएं और फिल्मों में चार्ली की भूमिका पर चर्चा कीजिए और लिखिए।			
	33	4	गद्य खंड : नमक: रजिया सज्जाद ज़हीर	आरोह	130-140	
	34		क्रियाकलाप 16 : आपके विचार से मूक और सवाक फिल्मों में से किसमें ज्यादा परिश्रम करने की आवश्यकता है और क्यों ? लिखकर बताएँ और चर्चा कीजिए।			
	35	7	गद्य खंड : डायरी के पाने: ऐन फ्रैंक	वितान	53-78	
	36		क्रियाकलाप 17 : किस्मत हमको रो लेवे है हम किस्मत को रो ले हैं -इस पंक्ति में शायर की किस्मत के साथ तना – तनी का रिश्ता अभिव्यक्त हुआ है। कक्षा में चर्चा कीजिए और लेख लिखिए।			

Semester End Exam - I

(Note : Syllabus of UT I is also included for SE I)

November	37	7	काव्य खंड : 1.कवितावली (उत्तर कांड से)	आरोह	45-48	
	38		क्रियाकलाप 18 : आखिर छोटे चौकोने खेत को कागज़ का पन्ना कहने में क्या अर्थ निहित है? समझाकर लिखें।			

	39	5	काव्य खंड : 2. लक्ष्मण – मूर्छा और राम का विलाप	आरोह	49-55	
	40	8	गद्य खंड : शिरीष के फूल :हजारी प्रसाद द्विवेदी	आरोह	141-150	
	41		क्रियाकलाप 19 : नमक कहानी में भारत व पाक की जनता के आरोपित भेदभावों के बीच मुहब्बत का नमकीन स्वाद घुला हुआ है , कैसे?			
	42	8	काव्य खंड : 1. रुबाइयां	आरोह	56-61	
	43		काव्य खंड:2. गज़ल	आरोह		
	44		क्रियाकलाप 20 : "यह साठ लाख लोगों की तरफ़ से बोलनेवाली एक आवाज़ है। एक ऐसी आवाज़, जो किसी संत या कवि की नहीं, बल्कि एक साधारण लड़की की है।" इत्या इहरनबुर्ग की इस टिप्पणी के संदर्भ में ऐन फ्रैंक की डायरी के पठित अंशों पर विचार करें और लिखिए।			
	45	9	गद्य खंड :1. श्रम विभाजन और जाति प्रथा	आरोह	150-154	
	46		क्रियाकलाप 21 : लेखक ने शिरीष को कलजयी अवधूत की तरह क्यों माना है? चर्चा कर लिखिए			
	47	9	गद्य खंड : 2.मेरी कल्पना का आदर्श समाज	आरोह	154-157	
	48		क्रियाकलाप 22 : जाति प्रथा को श्रम – विभाजन का ही एक रूप न मानने के पीछे आंबेडकर के क्या तर्क हैं?कक्षा में चर्चा कीजिए और लिखिए।			
	49	10	काव्य खंड :1. छोटा मेरा खेत	आरोह	62-64	
	50		क्रियाकलाप 23 : संसार में कष्टों को सहते हुए भी खुशी और मस्ती का माहौल कैसे पैदा किया जा सकता है? तर्क सहित लिखिए।			
December	51	10	काव्य खंड : 2. बगुलों के पंख	आरोह	65-66	
	52		क्रियाकलाप 24 : कक्षा अपने घर और विद्यालय के आस – पास हो रहे उन बदलावों के बारे लिखिए जो सुविधाजनक और आधुनिक होते हुए भी बुजुर्गों को अच्छे नहीं लगते। अच्छा न लगने के क्या कारण होंगे ?में चर्चा कीजिए और लिखिए।			
Jan	Prelim I					
	Prelim II					

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
April	1	Electric Charges and Fields	NCERT	1-33	
	2	Electrostatic Potential And Capacitance	NCERT	45-73	
	1	Experiment : To determine resistivity of two/three wires by plotting a graph for potential difference versus current.	LAXMI PUBLICATION	46-50	
	2	Experiment : To find resistance of a given wire/standard resistor using meter bridge.	LAXMI PUBLICATION	51-53	
	1	Activity : To measure the resistance and impedance of an inductor with or without iron core.	LAXMI PUBLICATION	92-93	
June	2	Activity : To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter.	LAXMI PUBLICATION	94 - 97	
	3	Current Electricity	NCERT	81-100	
	4	Moving Charges And Magnetism	NCERT	107-129	
	3	Experiment : To verify the laws of combination (series) of resistance using a meter bridge.	LAXMI PUBLICATION	54-55	
	4	Experiment : To verify the laws of combination (parallel) of resistance using a meter bridge.	LAXMI PUBLICATION	56-64	
July	3	Activity : To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source.	LAXMI PUBLICATION	98-99	
	4	Activity : To assemble the components of a given electrical circuit.	LAXMI PUBLICATION	99-100	
	5	Magnetism And Matter	NCERT	136-147	
	5	Experiment : To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.	LAXMI PUBLICATION	70-72	
	6	Experiment : To convert the given galvanometer (of known resistance and figure of merit) into a voltmeter of desired range and to verify the same.	LAXMI PUBLICATION	73-74	
August	5	Activity : To study the variation in potential drop with length of a wire for a steady current.	LAXMI PUBLICATION	100-101	
	6	Activity : To draw the diagram of a given open circuit comprising at least 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.	LAXMI PUBLICATION	102--105	
	6	Electromagnetic Induction	NCERT	154-170	
	7	Experiment : To convert the given galvanometer (of known resistance and figure of merit) into an ammeter of desired range and to verify the same.	LAXMI PUBLICATION	75-81	
September	7	Activity : To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.	LAXMI PUBLICATION	181-182	
	8	Activity : To use a multimeter to see the unidirectional flow of current in case of a diode and LED.	LAXMI PUBLICATION	182-183	
	Unit test I				
	7	Alternating Current	NCERT	177-194	
October	8	Experiment : To find the frequency of the AC mains with a sonometer.	LAXMI PUBLICATION	84-91	
	9	Experiment : To find the value of v for different values of u in case of concave mirror and to find the focal length.	LAXMI PUBLICATION	113-118	
	9	Activity : To study effect of intensity of light (by varying distance of the source) on an LDR.	LAXMI PUBLICATION	184-185	
	10	Activity : To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.	LAXMI PUBLICATION	185-187	
November	8	Electromagnetic Waves	NCERT	227-258	
	10	Experiment : To find the focal length of a concave lens, using a convex lens.	LAXMI PUBLICATION	119-127	
	9	Ray Optics And Optical Instruments	LAXMI PUBLICATION	221-254	
	10	Wave Optics	LAXMI PUBLICATION	255-273	
Semester End Exam - I <i>(Note : Syllabus of UT-I is also included for SE-I)</i>					
December	11	Dual Nature of Radiation And Matter	NCERT	274-289	
	12	Atoms	LAXMI PUBLICATION	290-305	
	13	Nuclei	LAXMI PUBLICATION	306-322	
	14	Semiconductor Electronics: Materials, Devices And Simple Circuits	LAXMI PUBLICATION	323-344	
Jan	11	Experiment : To determine refractive index of a glass slab using a travelling microscope.	NCERT	157-159	
	12	Experiment : To find the refractive index of a liquid (say water) using a concave mirror.	LAXMI PUBLICATION	160-166	
	13	Experiment : To draw the I-V characteristics curve of a p-n junction in forward bias and reverse bias	LAXMI PUBLICATION	172-180	
	11	Activity : To observe a diffraction of light due to a thin slit.	LAXMI PUBLICATION	188-189	
Prelim Exam I					
Prelim Exam II					

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
April	1	Solutions	NCERT	1-30	
	2	Electrochemistry	NCERT	31-60	
	1	Experiment : Introduction to Basic Laboratory Techniques	LAXMI PUBLICATION	1-9	
	2	Experiment : Surface chemistry	LAXMI PUBLICATION	10-27	
	1	Activity : Study of Oxalate ion content in guava fruit	LAXMI PUBLICATION	203-204	
June	2	Activity : Study of the quantity of caesin present in different sample of milk	LAXMI PUBLICATION	205-206	
	3	Chemical Kinetics	NCERT	61-88	
	4	The d and f block elements	NCERT	89-117	
	3	Experiment : Chemical kinetics	LAXMI PUBLICATION	28-37	
	4	Experiment : Thermochemistry	LAXMI PUBLICATION	38-46	
	3	Activity : Preparation of soyabean milk and its comparison with natural milk	LAXMI PUBLICATION	207-208	
July	4	Activity : Study of effect of potassium bisulphite as food preservative	LAXMI PUBLICATION	209-211	
	5	Coordination compounds	NCERT	118-140	
	5	Experiment : Electrochemistry	LAXMI PUBLICATION	47-52	
	6	Experiment : Chromatography	LAXMI PUBLICATION	53-59	
	5	Activity : Coparative study of the rate of fermentation	LAXMI PUBLICATION	212-215	
August	6	Activity : Extraction of essential oils	LAXMI PUBLICATION	216-217	
	6	Haloalkanes and Haloarenes	NCERT	159-192	
	7	Experiment : Preparation of inorganic compounds	LAXMI PUBLICATION	60-69	
	7	Activity : Study of adulterants in food stuffs	LAXMI PUBLICATION	218-219	
	8	Activity : Preparation of an Alum from Scrap Aluminium	LAXMI PUBLICATION	219-221	
Unit test I					
September	7	Alcohols, phenols and ethers	NCERT	193-226	
	8	Experiment : Preparation of organic compounds	LAXMI PUBLICATION	70-77	
	9	Experiment : Test for the functional groups present in organic compounds	LAXMI PUBLICATION	78-96	
	9	Activity : Study of the effect of metal coupling on the rusting of an iron	LAXMI PUBLICATION	222-224	
October	10	Activity : Preparation of rayon Thread from Filter Paper	LAXMI PUBLICATION	225-226	
	8	Aldehydes, ketones and carboxylic acids	NCERT	227-258	
	10	Experiment : Test of carbohydrates, fats and protiens in pure samples	LAXMI PUBLICATION	97-106	
	11	Activity : Dyeing of fabrics	LAXMI PUBLICATION	227-229	
	12	Activity : Sterilization of water with bleaching powder	LAXMI PUBLICATION	230-233	
Semester End Exam - I (Note : Syllabus of UT-I is also included for SE-I)					
November	9	Amines	NCERT	259-280	
	11	Experiment : Volumetric Analysis	LAXMI PUBLICATION	107-150	
	13	Activity : Setting of cement	LAXMI PUBLICATION	234-236	
	14	Activity : Study of presence of insecticides and pesticides in fruits and vegetables	LAXMI PUBLICATION	237-238	
December	10	Biomolecules	NCERT	281-302	
	12	Experiment : Qualitative Analysis	LAXMI PUBLICATION	151-200	
	15	Activity : Comparative study of commercial antacids	LAXMI PUBLICATION	239-241	
	16	Activity : Study of Constituents Antacids	LAXMI PUBLICATION	242-244	
Jan	Prelim Exam I				
	Prelim Exam II				

Grade : XII

Subject : Biology

Month	Sr.No	Ls.No	Topic	Name of the Book	Pg. No	Date of Completion
April	1	1	Reproduction in Organisms	NCERT	3	
	2		Practical : Study of pollen germination			
	3	2	Sexual Reproduction in Flowering plants	NCERT	19	
	4		Practical : Study of population Density			
	5		Practical: Study of plant population frequency			
June	6	3	Human Reproduction	NCERT	42	
	7		Practical : Study of Mitosis in Onion Root Tip			
	8	4	Reproduction Health	NCERT	57	
July	9	5	Principles of inheritance and variation	NCERT	69	
	10		Practical: Isolation of DNA from plant Materials			
	11	6	Molecular Basis of Inheritance	NCERT	95	
	12		Practical: Medelian inheritance using seeds of different colour/ size of any plants.			
August	13	7	Evolution	NCERT	126	
	14		Activity: flash cards models showing examples of homologous and analogous organs			
	15	8	Human Health and Disease	NCERT	145	
		9	Strategies for Enhancement in food Production	NCERT	165	
	17	10	Microbes in Human welfare	NCERT	179	
Unit Test I						
Sept	19	11	Biotechnology :Principles and Processes	NCERT	193	
October	20	12	Biotechnology and its Application	NCERT	207	
Semester End Exam - I (Note : Syllabus of UT-I is also included for SE-I)						
November	21	13	Organisms and Populations	NCERT	219	
	22	14	Ecosystem	NCERT	241	
December	23	15	Biodiversity and Conservation	NCERT	258	
	24	16	Environment Issue	NCERT	270	
Jan	Prelim Exam I					
	Prelim Exam II					

Grade : XII			Subject : Computer Science (Dhanpat Rai & Co. Ltd)			
Month	Sr.No	Ls.No	Topic	Name of the Book	Pg. No	Date of Completion
April	1	1	Python Revision Tour	Computer Science with Python	1-40	
	2	1	Practical : Revision Tour - I		1- 15	
	3	2	Python Revision Tour	Computer Science with Python	41 - 90	
	4	2	Practical : Revision Tour - II		16 - 26	
June	5	3	Working with Functions	Computer Science with Python	91 - 152	
	6	3	Practical : Working with Functions		27 - 45	
	7	4	Using Python Libraries	Computer Science with Python	153 - 186	
	8	4	Practical : Using python Libraries		46 - 55	
July	9	5	File Handling	Computer Science with Python	187 - 258	
	10	5	Practical : File Handling		56 - 67	
	11	6	Exception Handling	Computer Science with Python	259 - 276	
	12	7	Data Structures	Computer Science with Python	277 -314	
August	13	7	Practical : Data Structures		68 -72	
			Case Study : Unit I : Programming and Computation Thinking		315 - 328	
Unit test I						
September	14	8	Computer Network -I	Computer Science with Python	329 - 364	
	15	9	Computer Network -II	Computer Science with Python	365 - 424	
			Case Study : Unit II : Computer Networks		411 - 424	
October	16	10	Relational Database	Computer Science with Python	425 - 448	
	17	11	Simple Queries in SQL	Computer Science with Python	449 - 490	
	18	11	Practical : Simple Queries in SQL		73 - 83	
Semester End Exam - I (Note : Syllabus of UT-I is also included for SE-I)						
November	19	12	Table Creation and Data Manipulation Commands	Computer Science with Python	491 - 518	
	20	12	Practical : Table Creation and Data Manipulation Commands		84 - 96	
	21	13	Grouping Records , Joins In SQL	Computer Science with Python	519 - 540	
December	22	14	Interface Python with My SQL	Computer Science with Python	541 - 562	
			Case Study : Unit III : Database Management		563 - 668	
January	Prelim Exam I					
	Prelim Exam II					

Grade : XII			Subject : Mathematics		
Month	Sr. No.	Ls.No	Topic	Page no.	Date of Completion
April	1	Part I:1	Relations and Functions	1-17	
	2		Activity : 1. (a) To verify that the relation R in the set L of all lines in a plane, .		
	3		Activity :2. Understanding the Concept of One-to-One and Onto Functions .		
	4	Part I:2	Inverse Trigonometric Functions	18 - 33	
	5		Activity : 3. Graph of an Inverse Trigonometric Function.....		
	6		Activity : 4 . Principale value of an inverse trigonometric function like $\sin^{-1}(x)$ etc.		
	7		Activity : 5 . Graphs of a^x and $\log_a(x)$. The sketch the graph of a^x and $\log_a(x)$		
	8		Activity : 6. Continuity and Discontinuity of a Function at a Point		
	9		Activity :7. Continuity at a Point		
June	10	Part I:3	Matrices	34 - 75	
	11		Activity : 8. Roll 's theorem		
	12	Part II: 7	Integrals	225-291	
July	13	Part II: 8	Application of Integrals	293-337	
	14		Activity: 9. Lagrange;s mean value theorem		
	15	Part II:9	Linear Programming	394-405	
	16		Activity : 10. Increasing and decreasing function		
August	17	Part I:4	Determinants	76 - 103	
	18		Activity : 11. concepts of local maxima ,local minima and point of inflection		
	19	Part I:5	Continty and Differentiability	104 - 146	
	20		Activity :12. Application of maxima and minima		
Unit test I					
September	21	Part I:6	Application of Derivatives	147 - 186	
	22		Activity : 13. Rate of change of quantities		
October	23	Part II:9	Differential Equations	300-337	
	24		Activity : 14 . Distance Fromula and normal equation ,		
Sem End Exam I (Note : Syllabus of UT-I is also included for SE-I)					
November	25	Part II:10	Vector Algebra	338-376	
	26		Activity :15. Angle between two plane		
	27	Part II:11	Three Dimensional Geometry	377-393	
December	28		Activity :16. Shortest diestance between two skew line		
	29	Part II:12	Probability	406-439	
	30		Activity :17. Conditional probability		
Jan	Prelim Exam I				
	Prelim Exam II				

Month	Ls. No.	Topics	Name of the books	Pg. No.	Date of Completion
April		Practical : Fitness tests administration. (SAI Khelo India Test)			
	1	Management of Sporting Events	New Saraswati House Pvt. Ltd	1.1-1.32	
June	2	Children and Womn in Sports	New Saraswati House Pvt. Ltd	2.1-2.24	
July	3	Yoga as Preventive Mcasure for Lifestyle Disease	New Saraswati House Pvt. Ltd	3.1-3.48	
	4	Physical Education and sports for CWSN	New Saraswati House Pvt. Ltd	4.1- 4.18	
August		Practical : Procedure for Asanas , Benefits & Contradication for any two Asanas for each lifestyle			
	5	Sports and Nutrition	New Saraswati House Pvt. Ltd	5.1 -5.26	
Unit Test I					
September	6	Test and Measurement in Sports	New Saraswati House Pvt. Ltd	6.1-6.26	
October		Practicals : Anyone one IOA recognized Sport / Game of choice. Labelled diargm of Field & Equipment. Also mention its Rules, Terminologies & Skills.			
	7	Physiology and Injurics in Sports	New Saraswati House Pvt. Ltd	7.1-7.38	
Semester End Exam - I Note : Syllabus of UT-I i s also included for SE-I)					
November	8	Biomechanics and Sports	New Saraswati House Pvt. Ltd	8.1-8.16	
	9	P'sychology and Sports	New Saraswati House Pvt. Ltd	9.1-9.22	
December	10	Training in Sports	New Saraswati House Pvt. Ltd	10.1-10.32	
Jan	Prelim Exam I				
	Prelim Exam II				

Grade : XII		Subject : Accountancy			
Month	Ls.No	Topic	Name of the Book	Pg. No	Date of Completion
April	1	Accounting for Share Capital	Accountancy Part 1 (NCERT)	1 - 71	
	2	Issue and Redemption of Debentures	Accountancy Part 1 (NCERT)	72 - 138	
June	3	Financial Statement of a Company	Accountancy Part 1 (NCERT)	139 - 165	
	4	Analysis of Financial Statements	Accountancy Part 1 (NCERT)	166 - 187	
July	5	Accounting Ratios	Accountancy Part 1 (NCERT)	188 - 234	
August	6	Cash Flow Statement	Accountancy Part 1 (NCERT)	235 - 281	
	1	Accounting for Not-for-Profit Organization	Accountancy Part 2 (NCERT)	1 - 60	
Unit test I					
September	2	Accounting for Partnership : Basic Concepts	Accountancy Part 2 (NCERT)	61 - 111	
October	3	Reconstitution of a Partnership Firm - Admission of a Partner	Accountancy Part 2 (NCERT)	112 - 171	
Semester End Exam - I <i>(Note : Syllabus of UT-I is also included for SE-I)</i>					
November	4	Reconstitution of a Partnership Firm - Retirement / Death of a Partner	Accountancy Part 2 (NCERT)	172 - 221	
December	5	Dissolution of Partnership Firm	Accountancy Part 2 (NCERT)	222 - 256	
Jan	Prelim Exam I				
	Prelim Exam II				

Grade : XII			Subject : Economics																		
Month	Sr.No	Ln.No	Topic	Name of the Book	Pg. No	Date of Completion															
April	1	1	Indian Economy on the Eve of Independence	Indian Economic Development	1 - 15																
	2		Activity : Compare the map of British India with that of Independent India and find out the areas that became parts of Pakistan. Why were those parts so important to India from the economic point of view ? (Refer, to your advantage, Dr Rajendra Prasad's book, India Divided)																		
	3		Activity : On a map of India, mark the cotton textiles, jute mills and textile mills that existed at the time of independence.																		
	4	1	Introduction	Introductory to Macroeconomics	1 - 8																
June	5	2	Indian Economy 1950-1990	Indian Economic Development	16 - 35																
	6		Activity : Prepare a chart on the different types of economic systems prevalent in the world. List out the countries as capitalist, socialist and mixed economy.																		
	7		Activity : Prepare a pie chart on the occupational structure of the Indian economy available in the following table. Discuss the possible reasons for the change in the shape of pies. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%; text-align: center;">Sector</td> <td style="width: 33%;"></td> </tr> <tr> <td style="text-align: center;">1950 - 51</td> <td style="text-align: center;">1990 - 91</td> <td style="text-align: center;">Agriculture</td> </tr> <tr> <td style="text-align: center;">72.1</td> <td style="text-align: center;">66.8</td> <td style="text-align: center;">Industry</td> </tr> <tr> <td style="text-align: center;">10.7</td> <td style="text-align: center;">12.7</td> <td style="text-align: center;">Services</td> </tr> <tr> <td style="text-align: center;">17.2</td> <td style="text-align: center;">20.5</td> <td></td> </tr> </table>		Sector		1950 - 51	1990 - 91	Agriculture	72.1	66.8	Industry	10.7	12.7	Services	17.2	20.5				
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72.1	66.8	Industry																			
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17.2	20.5																				
8	2	National Income Accounting	Introductory to Macroeconomics	14-35																	
July	9	3	Liberalisation, Privatisation and Globalisation : An Appraisal	Indian Economic Development	36-56																
	10		Activity : Prepare a poster which contains 10-15 news clippings which you consider as important and relating to navratnas from newspaper. Also collect the logos and advertisements of these PSEs. Put these on the notice board and discuss them in the classroom.																		
August		4	Human Capital Formation In India	Indian Economic Development	57-74																
			Activity : Is India going to be knowledge based economy in the near future ? Discuss in the classroom.																		
			Activity : As an educated person, what will be your contribution to the cause of education ?																		
		3	Money and Banking	Introductory to Macroeconomics	36 - 52																
Unit test I																					
September		5	Rural Development	Indian Economic Development	75 - 91																
			Activity : Prepare a list of recent schemes and their objectives from the government website https://www.rural.nic.in . Collect the details of how any one of these schemes implemented in your region/rural neighborhood areas. Discuss your observations in class.																		
October		4	Determination of Income and Employment	Introductory to Macroeconomics	53-65																
		6	Employment : Growth, Informalisation and other issues	Indian Economic Development	92-114																
			Activity : Select a region, say a street or colony, and divide it into 3-4 sub-region. Conduct a survey by which you can collect the details worker - population ratio for all the regions. Interpret the results for differences in worker-population ratio for the different sub - region.																		
		5	Government Budget and the Economy	Introductory to Macroeconomics	66 - 84																
Semester End Exam - I (Note : Syllabus of UT-I is also included for SE-I)																					
November		7	Environment and Sustainable Development	Indian Economic Development	115 - 131																
			Activity : Fill in the following table with some common types of diseases and illnesses that are caused due to air, water, and noise pollution. <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"></td> <td style="width: 33%; text-align: center;">Water pollution</td> <td style="width: 33%; text-align: center;">Noise pollution</td> </tr> <tr> <td style="text-align: center;">Asthma</td> <td style="text-align: center;">Cholera</td> <td style="text-align: center;">----</td> </tr> <tr> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">----</td> </tr> <tr> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">----</td> </tr> </table>		Water pollution	Noise pollution	Asthma	Cholera	----	-----	-----	----	-----	-----	----						
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		6	Open Economy Macro Economics	Introductory to Macroeconomics	85-104																
December		8	Comparative Development Experience of India and its Neighbours	Indian Economic Development	132-150																
			Activity : Does India follow any population stabilisation measures ? If so collect the details and discuss in the classroom. You may refer to the latest Economic Survey, annual report or website of the Ministry of Health and Family Welfare.																		
Jan	Prelim Exam I																				
	Prelim Exam II																				

Grade : XII

Subject : Business Studies

Month	Sr.No	LS.No	Topic	Name of the Book	Pg. No	Date of Completion
April	1	1	Nature and Significance of Management	Business Studies	1-29	
	2		Activity : Create a vision for your organization and write a brief on how will you achieve your organization vision.			
	3	2	Principle of Management	Business Studies	30- 38	
	4		Activity : To what aspects of the significance of mananagement principle would you attribute the endeavours of BHEL and Shri Mahila Griha Udyog Lijjat Papad			
	5		Activity : Do you think innovatieness evident from the examples of Toyota and Kiran Mazumdar Shaw can be linked to the nature of management principles ?			
June	6	3	Busiuness Environment	Business Studies	69-90	
	7		Activity : Make a list of five Indian companies which have global operations today . Find out the major products they sell and the countries where they operate.			
	8	4	Planning	Business Studies	31-108	
July	9	5	Organising	Business Studies	109 -138	
	10		Activity: Organizing leads to specialisation in work. A pitfall of this is that repetitive performance of the same job may lead to monotony stress, boredom and absenteeism. What can managers do to improve the scenario?			
	11		Activity: Read newspapers regularly and try to identify the structures various business organisations being mentioned in the news have adopted. Have their structures led to improved and desired results in any way ?			
	12		Activity : You have seen the structure of ONGC as an illustration in this text. Browse the websites of other business organisations and study their organisational chart. Try to identify the structure they are using and write a note out of it.			
August	13	6	Staffing	Business Studies	139-168	
	14		Activity : Consider, for a moment that any selection decision can result in 4 possible outcomes. A decision is correct when an applicant was predicted to be successful and proved to be successful on the job, or when the applicant was predicted to be unsuccessful and would performed accordingly if hired. In the first case, we have successfully accepted; in the second case we have successfully rejected. Problems arise when errors are made in rejecting candidates who would have performed successfully on the job (reject errors) or accepting those who ultimately perform poorly (accept errors). Don't you think, these problems can be significant and can result in costly mistakes ? Write your view ?			
	15	7	Directing	Business Studies	169 - 200	
	16		Activity : In an organisation all the employees take things easy and are free to approach anyone for minor queries and problems. This has resulted in everyone taking to each other and thus resulting in inefficiency in the office. It has also resulted in loss of secrecy and confidential information being leaked out. What system do you think the manager should adopt to improve communication?			
Unit test I						
September	18	8	Controlling	Business Studies	201-212	
	19		Activity : Hina Sweets is a renowned name for quality sweets since 1935. Harsh the owner of Hina Sweets was worried as the sales had declined during the last three months. When he enquired from the Sales Manager, the Sales Manager reported that there were some complaints about the quality of sweets. Therefore Harsh ordered for sample checking of sweets. Identify the step taken by Harsh that is related to one of the functions of management.			
	20		Activity : Mr. Nath, a recently appointed production manager of Suntech Ltd., has decided to produce jute bags instead of plastic bags as these are banned by the government. He set a target of producing 1000 jute bags a day. It was reported that the employees were not able to achieve the target. After analysis, he found that employees were demotivated and not putting in their best for achieving the target. Mr. Nath's behaviour is good towards the employees. His attitude is always positive. So, he announced various incentive schemes for the employees like: Installing awards or certificates for best performance Rewarding an employee for giving valuable suggestions. Congratulating the employees for good performance (i) Identify the functions of management highlighted in the above paragraph. (ii) State the incentive under which the employee are motivated. (iii) State any two values which the production manager wants to communicate to society by his work and behaviour.			
October	21	9	Financial Management	Business Studies	225 -251	
	22		Activity : Analyzing the financial statements of a chosen company involves examining the balance sheet, income statement, and cash flow statement to assess the company's financial health and performance.			
Semester End Exam - I (Note : Syllabus of UT-I is also included for SE-I)						
November	23	10	Financial Markets	Business Studies	252 - 275	
	24		Activity : Analyzing trends and patterns in financial markets involves studying various market indicators, economic data, and financial news to understand market behavior and predict future movements.			
December	26	11	Marketing	Business Studies	276 - 322	
	27	12	Consumer Protection	Business Studies	323- 340	
Jan	Prelim Exam I					
	Prelim Exam II					