



# DELHI PUBLIC SCHOOL GAYA

(Under the aegis of the Delhi Public School Society, New Delhi)

Affiliated to C.B.S.E., New Delhi Affiliation No.330530, School Code - 65572

## SPLIT-UP SYLLABUS FOR CLASS-XII FOR THE ACADEMIC SESSION: 2025-26

Subject : English Core (301)

Prescribed Book :- 1. Flamingo (National Council of Educational Research and Training)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>The Last Lesson (Flamingo)</li> <li>Lost Spring (Flamingo)</li> <li>The Third Level (Vistas)</li> <li>Keeping Quiet (Flamingo)</li> <li>The Tiger King (Vistas)</li> <li>End of the Topic Test</li> </ul>	4 4 4 4 4 3	<ul style="list-style-type: none"> <li><b>Poster Making</b></li> <li>(Theme: "Say No to Child Labour" – students will create posters highlighting the importance of education and better working conditions.)</li> <li><b>Diary Entry</b></li> <li>Students will write a diary entry as Franz, reflecting on his emotions before, during, and after the last lesson.</li> </ul>
May	12		<ul style="list-style-type: none"> <li>My Mother at Sixty-Six (Flamingo)</li> <li>Notice</li> <li>Formal Letter</li> <li>End of the Topic Test</li> </ul>	3 3 3 1	<ul style="list-style-type: none"> <li><b>Letter Writing</b></li> <li>Students will write a formal letter to the Editor of a national daily, expressing concern about the lack of emotional and social support for the elderly in modern society, highlighting the loneliness and vulnerability of aging parents.</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>Deep Water (Flamingo)</li> <li>Journey to the End of the Earth (Vistas)</li> <li>End of the Topic Test</li> </ul>	5 5 3	<ul style="list-style-type: none"> <li><b>Debate</b></li> <li>Students will participate in a debate, with some arguing in favor of scientific research in Antarctica and others arguing against it, citing costs and environmental impact.</li> <li><b>Article Writing</b></li> <li>Students will write an article on how people overcome fears in different aspects of life (e.g., public speaking, exams, sports, water phobia).</li> </ul>
July	25		<ul style="list-style-type: none"> <li>Invitation</li> <li>Article Writing</li> <li>The Rattrap (Flamingo)</li> <li>The Enemy (Vistas)</li> <li>A Thing of Beauty (Flamingo)</li> <li>End of the Topic Test</li> </ul>	3 2 6 7 3 3	<ul style="list-style-type: none"> <li><b>Notice Writing</b></li> <li>Students will draft a notice for a hospital or NGO, announcing a medical aid camp for wounded soldiers or war victims.</li> <li><b>Invitation Writing</b></li> <li>Students will draft an invitation on behalf of the school, inviting parents to the school's Christmas</li> </ul>

					celebration.
August	23		<ul style="list-style-type: none"> <li>Indigo (Flamingo)</li> <li>On the Face of It (Vistas)</li> <li>A Roadside Stand (Flamingo)</li> <li>End of the Topic Test</li> </ul>	5 5 4 3	<ul style="list-style-type: none"> <li><b>Role Play</b></li> <li>Students will enact a role play between Derry and Mr. Lamb, reenacting their first meeting.</li> <li><b>Creative Writing</b></li> <li>Students will prepare a speech discussing how the elite class enjoys luxuries while small business owners struggle to survive, using references from the poem 'A Roadside Stand'.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Report Writing</li> <li>Aunt Jennifer's Tigers (Flamingo)</li> <li>Poets and Pancakes (Flamingo)</li> <li>The Interview (Flamingo)</li> <li>End of the Topic Test</li> </ul>	3 3 5 4 3	<ul style="list-style-type: none"> <li><b>Report writing</b></li> <li>Students will write a report on a seminar held in their city about women's empowerment, financial independence, and breaking social restrictions.</li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Going Places (Flamingo)</li> <li>Memories of Childhood (Vistas)</li> <li>End of the Topic Test</li> <li>Revision</li> </ul>	5 4 2	<ul style="list-style-type: none"> <li>ASL</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
February	22		<ul style="list-style-type: none"> <li>Revision</li> </ul>		
March	20				

विषय : हिंदी (302)

निर्धारित पुस्तकें –

1. आरोह भाग –2 (NCERT)
2. वितान भाग –2 (NCERT)
3. अभिव्यक्ति और माध्यम (NCERT)

माह	प्राप्त कालांश के संख्या	कार्य दिवसों की संख्या	परीक्षा का नाम (स्कूल नीति के अनुसार)	अध्याय/इकाई	अनुमानित आवश्यक कालांश (पीरियड)	विषय संवर्धन गतिविधियाँ (एस०ई०ए०)
टर्म-I						
अप्रैल	19	23		<u>आरोह गद्य खंड:-</u> 1. भक्तिन 2. बाज़ार दर्शन <u>आरोह काव्य खंड :-</u> (क) आत्मपरिचय	05 05 03	<ul style="list-style-type: none"> <li>हाथ से बनी किसी वस्तु की बिक्री के लिए विज्ञापन बनाना।</li> </ul>

				(ख) एक गीत कक्षा-जाँच	03 03	
मई	10	12		आरोह काव्य खंड: – पतंग वितान: सिल्वर वैडिंग कक्षा-जाँच	02 06 02	
जून	13	13		अभिव्यक्ति और माध्यम विभिन्न माध्यमों के लिए लेखन कक्षा-जाँच	10 03	• 'विद्यालय के वार्षिकोत्सव' पर प्रतिवेदन तैयार करना।
जुलाई	21	25	आवधिक परीक्षा-1	आरोह काव्य खंड:– (क) कविता के बहाने (ख) बात सीधी थी पर आरोह गद्य खंड काले मेघा पानी दे वितान : जूझ अभिव्यक्ति और माध्यम: पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया कहानी का नाट्य रूपांतरण कक्षा-जाँच	02 02 03 05 03 03 03	• 'भक्तिन' कहानी का नाट्य रूपांतरण करना।
अगस्त	19	23		आरोह गद्य खंड: पहलवान की ढोलक शिरीष के फूल आरोह काव्य खंड:– कैमरे में बंद अपाहिज वितान: अतीत में दबे पाँव कक्षा-जाँच	04 04 02 06 03	• 'भारतीय लोक कला' पर एक परियोजना तैयार करना। • 'शिरीष के फूल के उपयोग' पर आधारित एक परियोजना तैयार करना।
सितम्बर	18	21	मध्यावधि परीक्षा	आरोह काव्य खंड : उषा बादल-राग कवितावली (उत्तर कांड से)	02 04 03	• किसी एक अपाहिज व्यक्ति का काल्पनिक साक्षात्कार कक्षा में प्रस्तुत करना। • रामचरितमानस के लंका कांड पर आधारित एक परियोजना बनाना।

				लक्ष्मण मूर्छा और राम का विलाप <u>अभिव्यक्ति और माध्यम:</u> नये और अप्रत्याशित विषयों पर लेखन कक्षा-जाँच	03 03 03	
टर्म-II						
अक्टूबर	11	13		<u>आरोह गद्य खंड:-</u> श्रम-विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज <u>आरोह काव्य खंड:</u> रूबाइयाँ कक्षा-जाँच	04 04 02 01	<ul style="list-style-type: none"> <li>'जाति-प्रथा' के आधार पर श्रम विभाजन' विषय पर वाद-विवाद कराना ।</li> </ul>
नवम्बर	20	23	आवधिक परीक्षा-2	<u>आरोह काव्य खंड:</u> छोटा मेरा खेत बगुलों के पंख <u>अभिव्यक्ति और माध्यम:</u> विशेष लेखन: स्वरूप और प्रकार कक्षा-जाँच	07 07 05 01	<ul style="list-style-type: none"> <li>किसान और कवि में पाँच समानताएँ लिखना ।</li> </ul>
दिसम्बर	19	22	प्री-बोर्ड परीक्षा-1	पुनरावृत्ति		
जनवरी	19	22	प्री-बोर्ड परीक्षा-2	पुनरावृत्ति		
फरवरी	19	22		पुनरावृत्ति		
मार्च	17	20		पुनरावृत्ति		

Subject : Mathematics (041)

Prescribed Book :- 1. Mathematics Textbook For Class XII- Part 1 ( NCERT )  
2. Mathematics Textbook For Class XII-Part 2 ( NCERT )

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<b>Matrices</b> <ul style="list-style-type: none"> <li>Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operations on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of</li> </ul>	10	<ul style="list-style-type: none"> <li>INTERNAL ASSESMENT: To verify that the relation R in the set L of all lines in a plane, defined by <math>R = \{(l, m) : l \perp m\}</math> is symmetric but neither reflexive nor transitive</li> </ul>

			<p>addition, multiplication and scalar multiplication. Noncommutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).</p> <p><b>Determinants</b></p> <ul style="list-style-type: none"> <li>Determinant of a square matrix (up to <math>3 \times 3</math> matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.</li> </ul> <p><b>End of the Topic Test</b></p>	12	
May	12		<p><b>Linear programming problems(LPP)</b></p> <ul style="list-style-type: none"> <li>Introduction, related terminology such as constraints, objective function, optimization, graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints)</li> </ul> <p><b>Relations and Functions</b></p> <ul style="list-style-type: none"> <li>Types of relations: reflexive, symmetric, transitive and equivalence relations. Functions:- One to one and onto functions.</li> </ul>	04  08	
June	13		<p><b>Inverse Trigonometric Functions</b></p> <ul style="list-style-type: none"> <li>Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.</li> </ul> <p><b>Continuity and Differentiability</b></p> <p><b>Revision</b></p>	05  05 03	
July	25	Periodic Test-I	<p><b>Continuity and Differentiability (Cont...)</b></p> <ul style="list-style-type: none"> <li>Continuity and differentiability, chain rule, derivative of inverse trigonometric functions, <i>like</i> <math>\sin^{-1}</math>, <math>\cos^{-1}</math> and <math>\tan^{-1}</math>, derivative of implicit functions. Concept of exponential and logarithmic functions. Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functions expressed in parametric forms. Second order derivatives.</li> </ul>	15	<ul style="list-style-type: none"> <li>INTERNAL ASSESMENT: To demonstrate a function which is not one-one but is onto.</li> <li>To explore the principal value of the function <math>\sin^{-1}x</math> using a unit circle.</li> <li>To find analytically the limit of a function <math>f(x)</math> at <math>x = c</math> and also to check the continuity of the function at that point</li> </ul>





			$\int \frac{dx}{x^2 \pm a^2}, \int \frac{dx}{\sqrt{x^2 \pm a^2}}, \int \frac{dx}{\sqrt{a^2 - x^2}}, \int \frac{dx}{ax^2 + bx + c}, \int \frac{dx}{\sqrt{ax^2 + bx + c}}$ $\int \frac{px + q}{ax^2 + bx + c} dx, \int \frac{px + q}{\sqrt{ax^2 + bx + c}} dx, \int \sqrt{a^2 \pm x^2} dx, \int \sqrt{x^2 - a^2} dx$ $\int \sqrt{ax^2 + bx + c} dx,$ <ul style="list-style-type: none"> <li>Revision Half yearly Examination</li> </ul> <b>End of the Topic Test</b>	01	
November	23	Periodic Test-II	<b>Integrals (Cont...)</b> <b>Applications of the Integrals</b> <ul style="list-style-type: none"> <li>Applications in finding the area under simple curves, especially lines, circles/ parabolas/ellipses (in standard form only)</li> </ul> <b>Differential Equations</b> <ul style="list-style-type: none"> <li>Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation of the type: <math>\frac{dy}{dx} + py = q</math>, where p and q are functions of x or constants. <math>\frac{dy}{dx} + px = q</math>, where p and q are functions of y or constants</li> </ul> <b>End of the Topic Test</b>	05 05  12   01	<ul style="list-style-type: none"> <li>INTERNAL ASSESMENT: To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.</li> <li>To verify that angle in a semi-circle is a right angle, using vector method.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision Pre Board Examination -I</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision Pre Board Examination -II</li> </ul>		
February	22		<ul style="list-style-type: none"> <li>Revision Pre Board Examination -I</li> </ul>		
March	20		<ul style="list-style-type: none"> <li>Pre Board Examination -II continued</li> </ul>		

Subject : Physics (042)

Prescribed Book :-

- (1) NCERT,
- (2) H.C Verma
- (3) Comprehensive Lab Manual by Laxmi Publication.

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li><b>Electric Charges and Fields</b></li> <li>Electric Charges</li> <li>Conductors and Insulators</li> <li>Charging by Induction</li> <li>Basic Properties Of Electric Charges</li> <li>Coulomb's Law</li> </ul>	1 1 1 1 1	







August	23		<ul style="list-style-type: none"> <li>• <b>Electromagnetic wave</b></li> <li>• Introduction</li> <li>• Displacement Current</li> <li>• Electromagnetic Waves</li> <li>• Electromagnetic Spectrum</li> <li>• <b>Ray Optics and Optical Instruments</b></li> <li>• Introduction</li> <li>• Reflection of Light by Spherical Mirrors</li> <li>• Refraction</li> <li>• Total Internal Reflection</li> <li>• Refraction at Spherical Surfaces and by Lenses</li> <li>• Refraction through a Prism</li> <li>• Some Natural Phenomenon due to Sunlight</li> <li>• Optical Instrument</li> <li>• EOCT&amp; Discussion of Test</li> </ul>	1 1 1 1  1 4 4 2 5 2 1 3 1	<b>Sec. B [Experiment]</b> <ul style="list-style-type: none"> <li>• To find the value of <math>v</math> for different values of <math>u</math> in case of a concave mirror and to find the focal length.</li> <li>• To find the focal length of a convex mirror, using a convex lens.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>• <b>Wave Optics</b></li> <li>• Introduction</li> <li>• Huygens Principle</li> <li>• Reflection and Refraction by Huygens Principle</li> <li>• Interference of Light waves</li> <li>• YDSE</li> <li>• Diffraction</li> <li>• EOCT&amp; Discussion of Test</li> </ul>	1 1 1 2 2 1 1	<ul style="list-style-type: none"> <li>• To find the focal length of a convex lens by plotting graphs between <math>u</math> and <math>v</math> or between <math>1/u</math> and <math>1/v</math>.</li> </ul>
<b>TERM-II</b>					
October	13		<ul style="list-style-type: none"> <li>• <b>Dual Nature of Radiation and Matter</b></li> <li>• Introduction</li> <li>• Photoelectric Effect</li> <li>• Experimental Study of Photoelectric Effect</li> <li>• Particle nature of Light</li> <li>• <b>Atoms</b></li> <li>• Alpha Particle Scattering</li> <li>• Atomic Spectra</li> <li>• Bohr's Model of the Hydrogen Atom</li> <li>• <b>Nuclei</b></li> <li>• Composition of Nucleus</li> <li>• Nuclear Binding Energy</li> <li>• Nuclear Force</li> <li>• Nuclear Energy</li> </ul>	1 1 3 2  1 1 3  2 2 1 1	<ul style="list-style-type: none"> <li>• To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>• <b>Semiconductor Electronics: Materials, Devices and Simple Circuits</b></li> <li>• Intrinsic SC</li> <li>• Extrinsic SC</li> <li>• P-n Junction</li> </ul>	1 1 2	<b>ACTIVITES (Sec. B)</b> <ul style="list-style-type: none"> <li>• To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items.</li> <li>• Use of multimeter to see the unidirectional</li> </ul>

			<ul style="list-style-type: none"> <li>• SC Diode</li> <li>• Rectifier</li> <li>• EOCT&amp; Discussion of Test</li> <li>• Revision</li> </ul>	2 1 1 12	flow of current in case of a diode and an LED and check whether a given electronic component (e.g., diode) is in working order. <ul style="list-style-type: none"> <li>• To study effect of intensity of light (by varying distance of the source) on an LDR.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>• Revision</li> </ul>		<b>ACTIVITIES (Sec. A)</b> <ul style="list-style-type: none"> <li>• To measure the resistance and impedance of an inductor with or without iron core.</li> <li>• To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter.</li> <li>• To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>• Revision</li> </ul>		
February	22				
March	20				

Subject : Chemistry (043)

Prescribed Book :-

1. NCERT Text Book
2. Comprehensive Lab Manual ( Laxmi Publication)

Reference Book:

1. Pradeep Publications Pradeep's New Course Chemistry

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>• Solutions</li> <li>• End of Topic Test &amp; Discussion</li> <li>• Electrochemistry</li> <li>• End of Topic Test &amp; Discussion</li> </ul>	10 02 11 02	<ul style="list-style-type: none"> <li>• Determination of concentration/ molarity of <math>\text{KMnO}_4</math> solution by titrating it against a standard solution of: i) Oxalic acid ii) Ferrous Ammonium Sulphate</li> </ul>
May	12		<ul style="list-style-type: none"> <li>• Chemical Kinetics</li> <li>• Rate of a reaction (Average and instantaneous)</li> <li>• Factors affecting rate of reaction</li> <li>• Order and molecularity of a reaction</li> <li>• Rate law and specific rate constant</li> <li>• Integrated rate equations and half-life (only for zero and first order reactions)</li> <li>• Concept of collision theory</li> <li>• Activation energy</li> </ul>	02 01 01 02 02 01 01 01 01	<ul style="list-style-type: none"> <li>• Qualitative analysis: Determination of one cation and one anion in a given salt.</li> </ul>

			<ul style="list-style-type: none"> <li>• Arrhenius equation.</li> <li>• End of Topic Test &amp; Discussion</li> </ul>		
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• d -and f -Block Elements</li> <li>• General introduction, electronic configuration</li> <li>• Occurrence and characteristics of transition metals</li> <li>• General trends in properties of the first row transition metals</li> <li>• Properties of <math>K_2Cr_2O_7</math> and <math>KMnO_4</math>.</li> <li>• Lanthanides - Electronic configuration, oxidation states, chemical reactivity and lanthanide contraction</li> <li>• Actinides - Electronic configuration, oxidation states and comparison with lanthanides</li> </ul>	01 01 04 02 02 02 01	<ul style="list-style-type: none"> <li>• Qualitative analysis: Determination of one cation and one anion in a given salt.</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• d -and f -Block Elements</li> <li>• Actinides - Electronic configuration, oxidation states and comparison with lanthanides</li> <li>• End of Topic Test &amp; Discussion</li> <li>• Coordination Compounds</li> <li>• Coordination compounds - Introduction, ligands</li> <li>• Coordination number</li> <li>• IUPAC nomenclature of mononuclear coordination compounds.</li> <li>• Bonding, Werner's theory, VBT, and CFT</li> <li>• Structure and stereoisomerism</li> <li>• Importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</li> <li>• End of Topic Test &amp; Discussion</li> <li>• Haloalkanes &amp; Haloarenes</li> <li>• Haloalkanes: Nomenclature, nature of C-X bond</li> <li>• Physical and chemical properties</li> </ul>	03 02 02 01 02 02 02 02 02 01	<ul style="list-style-type: none"> <li>• Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups.</li> </ul>

		<ul style="list-style-type: none"> <li>Optical rotation mechanism of substitution reactions.</li> <li>Haloarenes: Nature of C-X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only).</li> <li>Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</li> <li>End of Topic Test &amp; Discussion</li> </ul>	03 02 03 02 02	
August	23	<ul style="list-style-type: none"> <li>Alcohols, Phenols &amp; Ethers</li> <li>Alcohols: Nomenclature, methods of preparation</li> <li>Physical and chemical properties (of primary alcohols only)</li> <li>Identification of primary, secondary and tertiary alcohols</li> <li>Mechanism of dehydration, uses with special reference to methanol and ethanol.</li> <li>Phenols: Nomenclature, methods of preparation, physical and chemical properties</li> <li>Acidic nature of phenol, electrophilic substitution reactions</li> <li>Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses</li> <li>End of Topic Test &amp; Discussion</li> <li>Aldehydes, ketones &amp; Carboxylic Acids</li> <li>Aldehydes and Ketones: Nomenclature, nature of carbonyl group</li> <li>Methods of preparation, physical and chemical properties</li> <li>Mechanism of nucleophilic addition</li> <li>Reactivity of alpha hydrogen in aldehydes, uses.</li> <li>Carboxylic Acids: Nomenclature, acidic</li> </ul>	01 02 01 01 02 01 02 02 02 02 03 01 02 02	



			nature • Methods of preparation, physical and chemical properties; uses.	02 02	
September	21	Mid-Term Examination	• Amines • Amines: Nomenclature, classification • Structure, methods of preparation, physical and chemical properties • Identification of primary, secondary and tertiary amines. • Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry. • End of Topic Test & Feedback	02 03 02 02 01	
<b>TERM-II</b>					
October	13		• Biomolecules • Carbohydrates - Classification (aldoses and ketoses) • Proteins -Elementary idea of - amino acids, peptide bond, polypeptides, proteins • Hormones - Elementary idea excluding structure. • Vitamins - Classification and functions. • Nucleic Acids: DNA and RNA. • End of Topic Test & Discussion • Question Bank	02 02 01 01 01 02	
November	23	Periodic Test-II	• Revision		
December	22	Pre-Board-I			
January	22	Pre-Board-II			
February	22				
March	20				

**Subject : Biology (044)**

**Prescribed Book :-**

1. NCERT Text Book

2. Laboratory Manual in Biology Comprehensive

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		• Chapter:1- Sexual Reproduction in Flowering Plants		• Prepare a temporary mount to observe pollen germination. (Experiment)

		<ul style="list-style-type: none"> <li>• Flower structure; development of male and female gametophytes;</li> <li>• Pollination - types, agencies and examples; out breeding devices;</li> <li>• Pollen-pistil interaction; double fertilization;</li> <li>• Post fertilization events - development of endosperm and embryo, development of seed and formation of fruit;</li> <li>• Special modes- apomixis, parthenocarpy, Polyembryony; Significance of seed dispersal and fruit formation.</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:2; Human Reproduction</b></li> <li>• Male and female reproductive systems; microscopic anatomy of testis and ovary;</li> <li>• Gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation,</li> <li>• Embryo development up to blastocyst formation, implantation;</li> <li>• Pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:4- Reproductive Health</b></li> <li>• Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs);</li> <li>• Birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility</li> </ul>	2 2 1 2  1  1 3 3 2 2 1 1 1 2	<ul style="list-style-type: none"> <li>• Flowers adapted to pollination by different agencies (wind, insects, birds).</li> <li>• Pollen germination on stigma through a permanent slide or scanning electron micrograph.</li> <li>• Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).</li> </ul>
May	12	<ul style="list-style-type: none"> <li>• <b>Chapter:4- Reproductive Health</b></li> <li>• Assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:5; Principles of Inheritance and Variation</b></li> <li>• Mendelian inheritance;</li> <li>• Deviations from Mendelism - incomplete dominance, co-dominance,</li> <li>• Multiple alleles and inheritance of blood groups, pleiotropy;</li> <li>• Elementary idea of polygenic inheritance;</li> <li>• Chromosome theory of inheritance; chromosomes and genes;</li> </ul>	2 1  1 2 2 1 2	<ul style="list-style-type: none"> <li>• T.S. of blastula through permanent slides (Mammalian).</li> <li>• Meiosis in onion bud cell or grasshopper testis through permanent slides.</li> </ul>

			<ul style="list-style-type: none"> <li>Sex determination - in humans, birds and honey bee; linkage and crossing over</li> </ul>	1	
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li><b>Chapter:5 Principles of Inheritance and Variation</b></li> <li>Sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</li> <li>End topic test + Feedback</li> <li><b>Chapter: 6 Molecular Basis of Inheritance (Cont.)</b></li> <li>Search for genetic material and DNA as genetic material;</li> <li>Structure of DNA and RNA; DNA packaging; DNA replication;</li> <li>Central Dogma; transcription, genetic code, translation</li> </ul>	3  1  2 3 4	<ul style="list-style-type: none"> <li>Mendelian inheritance using seeds of different colour/sizes of any plant.</li> </ul>
July	25		<ul style="list-style-type: none"> <li><b>Chapter:6; Molecular Basis of Inheritance</b></li> <li>Gene expression and regulation - lac operon;</li> <li>Genome, Human and rice genome projects; DNA fingerprinting.</li> <li>End topic test + Feedback</li> <li><b>Chapter:7 Evolution</b></li> <li>Origin of life; biological evolution and evidences for biological evolution (paleontology, comparative anatomy, embryology and molecular evidences);</li> <li>Darwin's contribution, modern</li> <li>Synthetic theory of evolution; mechanism of evolution - variation (mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift;</li> <li>Hardy- Weinberg's principle; adaptive radiation; human evolution.</li> <li>End topic test + Feedback</li> <li><b>Chapter:8; Human Health and Diseases</b></li> <li>Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control;</li> <li>Basic concepts of immunology - vaccines;</li> <li>Cancer, HIV and AIDS</li> </ul>	2 3 1 1 2 1 2 1 2 2	<ul style="list-style-type: none"> <li>Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</li> <li>Controlled pollination - emasculation, tagging and bagging.</li> <li>Common disease-causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</li> </ul>

			<ul style="list-style-type: none"> <li>• Adolescence - drug and alcohol abuse.</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:10; Microbes in Human Welfare</b></li> <li>• Microbes in food processing, industrial production, sewage treatment, energy generation</li> <li>• Microbes as bio-control agents and bio-fertilizers.</li> <li>• Antibiotics; production and judicious use.</li> </ul>	2 1  1  2 2  1	
August	23		<ul style="list-style-type: none"> <li>• End topic test + Feedback</li> <li>• <b>Chapter:11; Biotechnology - Principles and Processes</b></li> <li>• Genetic Engineering (Recombinant DNA Technology)</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:12; Biotechnology and its Applications</b></li> <li>• Application of biotechnology in health and agriculture</li> <li>• Human insulin and vaccine production,</li> <li>• Stem cell technology, gene therapy;</li> <li>• Genetically modified organisms - Bt crops; transgenic animals;</li> <li>• Biosafety issues, biopiracy and patents.</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:13; Organisms and Populations</b></li> <li>• Population interactions - mutualism, competition, predation, parasitism;</li> </ul>	1  9  1  1  2 3 2  1 1  2	<ul style="list-style-type: none"> <li>• Flash cards models showing examples of homologous and analogous organs.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>• <b>Chapter:13; Organisms and Populations</b></li> <li>• Population attributes - growth, birth rate and death rate, age distribution</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:14; Ecosystem</b></li> <li>• Ecosystems: Patterns, components;</li> <li>• Productivity and decomposition;</li> <li>• Energy flow; pyramids of number, biomass, energy.</li> <li>• End topic test + Feedback</li> <li>• <b>Chapter:15; Biodiversity and its Conservation (Contd.)</b></li> <li>• Biodiversity-Concept, patterns, importance; loss of biodiversity;</li> <li>• Biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book.</li> </ul>	7  1  2 3 3  1  3  3	<ul style="list-style-type: none"> <li>• Study the plant population density by quadrat method. (Experiment)</li> <li>• Study the plant population frequency by quadrat method. (Experiment)</li> <li>• Prepare a temporary mount of onion root tip to study mitosis. (Experiment)</li> </ul>

TERM-II					
October	13		<ul style="list-style-type: none"> <li>Chapter:15 Biodiversity and its Conservation</li> <li>Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.</li> <li>End topic test + Feedback</li> <li>Unit-VIII (TEST)</li> <li>Revision</li> <li>Unit-IX (TEST)</li> <li>Revision</li> <li>Unit-X (TEST)</li> </ul>	2 1 1 3 1 4 1	<ul style="list-style-type: none"> <li>Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. (Experiment)</li> <li>Models specimen showing symbolic association in root modules of leguminous plants, Cuscuta on host, lichens.</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Unit VI - Reproduction (Revision &amp; PYQ Practice)</li> <li>Unit VII - Genetics and Evolution (Revision &amp; PYQ Practice)</li> <li>Unit - VIII - Biology and Human Welfare (Revision &amp; PYQ Practice)</li> <li>Unit - IX - Biotechnology and its Applications (Revision &amp; PYQ Practice)</li> <li>Unit - X - Ecology and Environment (Revision &amp; PYQ Practice)</li> </ul>	5 5 4 4 5	
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Class tests &amp; Revision</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Class tests &amp; Revision</li> </ul>		
February	22				
March	20				

Subject: History (027)

Prescribed Books;

1. Themes in the Indian History I Published by NCERT
2. Themes in the Indian History II Published by NCERT
3. Themes in the Indian History III Published by NCERT

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<b>Bricks, beads and bones.</b> <ul style="list-style-type: none"> <li>The early urban centers and social institutions. (4)</li> <li>Multi-lateral aspects of Harappan civilization. (4)</li> <li>Historical and contemporary sources and viewpoints of ASI.(3)</li> <li>Historians on Harappa.(3)</li> </ul> <b>Kings, farmers and Towns.</b> <ul style="list-style-type: none"> <li>Major trends in the political and economic history of the subcontinent. (3)</li> <li>Inscriptional evidence. (3)</li> </ul>	23	<ul style="list-style-type: none"> <li>The students will prepare replica of Harappan Beads and Motifs.</li> <li>Also to find out-</li> <li>Why Harappan Script is not deciphered yet.</li> <li>Controversy surrounding The Indus Valley Civilization.</li> <li>History of Patliputra as narrated by Xuan Zang.</li> </ul>



			<ul style="list-style-type: none"> <li>Political and economic processes. (2)</li> <li><b>End of Topic Test (1)</b></li> </ul>		
May	12		<b>Kinship, Caste and Class.</b> <ul style="list-style-type: none"> <li>The issues of social history (3)</li> <li>Social norms. (3)</li> <li>Perspectives of society. (3)</li> <li>Dynamic approach of Mahabharata (3)</li> </ul>	12	<ul style="list-style-type: none"> <li>Students will collect evidences related to paddy transplantation in the Ganga Valley region.</li> <li>Students will find out retellings of the Mahabharata in other languages.</li> </ul>
June	13		<b>Thinkers, beliefs and buildings.</b> <ul style="list-style-type: none"> <li>Major religious developments in early India.(2)</li> <li>Religious sculpture and the stories hidden in it.(2)</li> <li>Buddhist Sculpture &amp; its inference.(1)</li> <li><b>End of Topic Test (1)</b></li> </ul>	15	<ul style="list-style-type: none"> <li>Students will collect ant five pictures of sculptures belonging to different periods. They will then remove the captions and show each one to two persons and ask them to compare what they see.</li> <li>The students will then prepare a report on their findings.</li> </ul>
July	25	Periodic Test-I	<b>Through the eyes of travelers.</b> <ul style="list-style-type: none"> <li>Salient features of social histories described by the travelers. (2)</li> <li>Accounts of foreign travelers.(2)</li> <li>Social political and economic life during the tenure of different rulers in the medieval period. (3)</li> </ul> <b>Bhakti-Sufi traditions.</b> <ul style="list-style-type: none"> <li>The religious developments. (4)</li> <li>Philosophies of different Bhakti and Sufi saints. (5)</li> <li>The religious developments during medieval period. (4)</li> <li>Religious movement &amp; its relations with unity, peace harmony and brotherhood in society. (5)</li> </ul> <b>An imperial capital- Vijaynagara</b> <ul style="list-style-type: none"> <li>The distinctive architectural contributions of the Vijayanagar empire. (3)</li> <li>Accounts of foreign traveller on Vijayanagar. (3)</li> <li><b>End of Topic Test (1)</b></li> </ul>	25	<ul style="list-style-type: none"> <li>The students will pick any one of the travelers mentioned in the chapter and prepare a write up on the basis of their findings related to their life noting in particular how they described contemporary society.</li> <li>Students will find out the practices of pilgrimage associated with the shrines mentioned in this chapter. Their finds will include- <ul style="list-style-type: none"> <li>Are these pilgrimages still undertaken?</li> <li>When are these shrines visited?</li> <li>Who visits these shrines?</li> <li>What are the activities associated with these pilgrimages?</li> </ul> </li> </ul>
August	23		<b>An imperial capital- Vijaynagara</b> <ul style="list-style-type: none"> <li>The city planning, water management system, administration of the rulers. (6)</li> </ul> <b>Peasants, Zamindars and the State.</b> <ul style="list-style-type: none"> <li>Facets of agrarian developments. (6)</li> <li>Agrarian changes occurred during sixteenth and seventeenth centuries. (6)</li> <li>The differences in the agrarian sector. (4)</li> </ul> <b>End of Topic Test (1)</b>	23	<ul style="list-style-type: none"> <li>The students will be taken to a historical place (If school allows) such as Mahabodhi temple. They will describe the structures that they observe.</li> <li>They will then compare these features with those of the Virupaksha temple and prepare a report on it.</li> <li>Students will do the internet surfing on the site-<a href="http://persian.packhum.org">http://persian.packhum.org</a> and after reading it carefully prepare a report on how it can be used</li> </ul>

					by a historian
September	21	Mid-Term Examination	<b>Colonialism and the Countryside.</b> <ul style="list-style-type: none"> <li>The revenue systems introduced by the British. (2)</li> <li>The economic aspects of colonization in India. (3)</li> <li>The colonial official records&amp; reports. (2)</li> <li>The steps taken to protect the peasants and artisans (2)</li> </ul> <b>Rebels and the Raj.</b> <ul style="list-style-type: none"> <li>The events of 1857. (2)</li> <li>Planning and coordination of the rebels of 1857. (2)</li> <li>The momentum of the revolt. (2)</li> <li>Revolt and the vision of unity amongst Indians. (3)</li> <li>Visual images to understand the emotions portrayed by the nationalist and British. (2)</li> <li><b>End of Topic Test (1)</b></li> </ul>	21	<ul style="list-style-type: none"> <li>On an outline map of the subcontinent, the students will mark out the areas described in this chapter. They will then find out whether there were other areas where the Permanent Settlement and the ryotwari settlement were prevalent and then they will be required to mark those places.</li> <li>The students will be asked to see a movie made on 1857 revolt and then they will be required to find Out the answer to the following questions-</li> <li>How does it depict the British?</li> <li>What does it say about peasants, city dwellers, tribals, zamindars and taluqdars?</li> <li>What kind of response does the film seek to evoke.</li> </ul>
<b>TERM-II</b>					
October	13		<b>Mahatma Gandhi and the National Movement.</b> <ul style="list-style-type: none"> <li>Introduction to the nationalist movement. (4)</li> <li>The significant elements of the nationalist movement. (4)</li> <li>The nature of ideas, individuals, and institutions under the Gandhian leadership. (4)</li> <li>The significant contributions of Gandhi. (4)</li> <li>Interpretation of historical source such as newspapers, biographies and autobiographies diaries, letters etc. (3)</li> <li><b>End of Topic Test (1)</b></li> </ul>	20	<ul style="list-style-type: none"> <li>The .students will be able to conceptualize the emergence of Mahatma Gandhi from being a lawyer to this acceptance as the father of the nation.</li> <li>In the context of Dandi march, the students will plot the line of the march on the map of Gujarat.</li> </ul>
November	23	Periodic Test-II	<b>Framing the Constitution.</b> <ul style="list-style-type: none"> <li>The role of Constituent Assembly in framing the constitution of India. (8)</li> <li>Debates and discussions around important issues in the Constituent Assembly. (7)</li> <li><b>End of Topic Test (1)</b></li> </ul>	16	<ul style="list-style-type: none"> <li>The students will do research work on challenges that the new nation was facing and how it was addressed by the founding fathers of the</li> <li>Constitution.</li> </ul>
December	22	Pre-Board-I	• Revision		• Revision
January	22	Pre-Board-II	• Revision		• Revision
February	22		• Revision		• Revision
March	20		• Revision		• Revision

**Prescribed Books;**

1. Fundamentals of Human Geography, NCERT
2. India- People and Economy, NCERT
3. Practical work in Geography- Part II, NCERT

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		<ul style="list-style-type: none"> <li>• Concept and types:</li> <li>• Hunting and Gathering, Pastoralism; Nomadic Herding, Commercial</li> <li>• Livestock Rearing</li> <li>• Types of agriculture:</li> <li>• Primitive Subsistence</li> <li>• Intensive Subsistence</li> </ul>	01	
		<ul style="list-style-type: none"> <li>• Commercial Agriculture</li> <li>• Plantation Agriculture</li> <li>• Extensive Commercial Grain Cultivation</li> <li>• Mixed Farming</li> <li>• Dairy farming</li> </ul>	01	
		<ul style="list-style-type: none"> <li>• Mediterranean Agriculture</li> <li>• Market Gardening and Horticulture</li> <li>• Cooperative Farming</li> </ul>	01	
		<ul style="list-style-type: none"> <li>• Collective Farming</li> <li>• Mining, factors affecting mining</li> <li>• Methods of Mining</li> </ul>	01	
		<b>Ch5- Secondary activities</b>		
		<ul style="list-style-type: none"> <li>• Manufacturing: Characteristics of Modern large-Scale Manufacturing</li> </ul>	02	
		<ul style="list-style-type: none"> <li>• Factors influencing industrial Location</li> </ul>	01	
		<ul style="list-style-type: none"> <li>• Classification of manufacturing Industries: On the basis of Size, Inputs/raw material, Output /Products and Ownership</li> </ul>	04	
		<ul style="list-style-type: none"> <li>• Concept of High tech Industry</li> </ul>		
		<b>Ch6- Tertiary and Quaternary activities</b>		
		<ul style="list-style-type: none"> <li>• Tertiary activities-concept and types</li> <li>• Trade and commerce: Retail and Wholesale trading Transport, Factors</li> <li>• Affecting Transport;</li> </ul>	01	
		<ul style="list-style-type: none"> <li>• Communication</li> <li>• Services</li> <li>• People engaged in tertiary activities</li> <li>• Tourism, Major tourist regions</li> <li>• Tourist attractions - some examples from selected countries</li> <li>• Medical Services for Overseas Patients in India</li> </ul>	01	



			<ul style="list-style-type: none"> <li>Quaternary and Quinary activities-concept</li> <li>The Digital Divide</li> <li><b>End of topic test</b></li> </ul>	01 01	
May	12		<b>CH 7- Transport and Communication</b> <ul style="list-style-type: none"> <li>Transport</li> <li>Modes of Transportation:</li> <li>Land transport: Roadways, Highways, Road Density, Border Roads.</li> <li>Railways: Trans-continental Railways: Trans-Siberian, Trans Canadian,</li> <li>Australian Trans Continental,</li> <li>Water Transport: Important Sea Routes, Shipping Canals, Inland</li> <li>waterways</li> <li>Air transport: Inter-Continental air routes</li> <li>Pipelines</li> <li>Communications: Satellite Communications and Cyber Space- Internet</li> </ul> <b>CH 8- International Trade</b> <ul style="list-style-type: none"> <li>History of International trade</li> <li>Why Does International Trade Exist?</li> <li>Basis of International Trade</li> <li>Balance of Trade</li> <li>Types of International Trade: Bilateral and Multi-lateral trade</li> <li>Case for Free Trade</li> <li>Concept of Dumping</li> <li>World Trade Organisation</li> <li>Regional Trade Blocs</li> <li>Concerns Related to International Trade</li> <li>Gateways of International trade: Ports</li> <li>Types of Port</li> <li><b>End of topic test</b></li> </ul>	01 02  01  01 01 02  01 02  02 01	<ul style="list-style-type: none"> <li>In small groups, students create a model or diagram of transport and communication networks (airports, roads, ports) in a region of their choice and explain its importance to that area's economy.</li> <li>A mock trade negotiation where students represent different countries. They can negotiate trade deals based on resources and commodities that each country produces.</li> </ul>
June	13	Periodic Test-I	<b>Practical :Ch1- Data: its source and compilation</b> <ul style="list-style-type: none"> <li>What is Data, Sources of data: Primary, Secondary and Unpublished sources.</li> <li>Tabulation and Classification of Data</li> <li>Grouping of Data</li> <li>Frequency Polygon</li> </ul> <b>Practical :Ch2- Data processing</b>	02  02 02	<ul style="list-style-type: none"> <li>Data Interpretation</li> </ul>





		<ul style="list-style-type: none"> <li>• Growth of Agricultural Output and Technology Problems of Indian Agriculture</li> </ul> <b>Ch4- Water resources</b> <ul style="list-style-type: none"> <li>• Water resources- Surface water and Groundwater Resources</li> <li>• Lagoons and Backwaters</li> <li>• Water Demand and Utilisation - irrigation, domestic, industrial and other uses;</li> <li>• Emerging Water Problems: Deterioration of Water Quality</li> <li>• Water Conservation and Management; Prevention of Water Pollution;</li> <li>• Rain water harvesting and Watershed management</li> <li>• <b>End of topic test</b></li> </ul>	01 03 01 01 02 01	
August	23	<b>Ch5- Minerals and energy resources</b> <ul style="list-style-type: none"> <li>• Mineral Resources: Introduction and Types</li> <li>• Major mineral belts of India</li> <li>• Distribution of Ferrous Minerals (Iron ore and Manganese), Non-Ferrous</li> <li>• Minerals (Bauxite and Copper); Non-metallic minerals (Mica)</li> <li>• Energy Resources: Conventional sources (Coal, Petroleum and Natural gas) and non-conventional sources (Nuclear, Solar, Wind, Tidal and Wave and Geothermal and Bio energy)</li> <li>• Conservation of Mineral Resources</li> </ul> <b>Ch6- Planning and sustainable development in Indian context</b> <ul style="list-style-type: none"> <li>• Planning- Introduction</li> <li>• Target Area Planning: Hill Area Development Programme, Drought Prone Area Programme.</li> <li>• Concept of Sustainable Development</li> <li>• Case Studies -</li> <li>• Integrated Tribal Development Project in Bharmaur* Region, Indira Gandhi Canal (Nahar) Command Area</li> </ul> <b>Ch7- Transport and communication</b>	01 02 02 01 02 02	<ul style="list-style-type: none"> <li>• Create a map showing the distribution of major minerals and energy resources (coal, petroleum, natural gas) in India, along with their importance to the economy.</li> <li>• Students create a poster outlining the SDGs, focusing on sustainable development goals relevant to India. They can present strategies that India uses to promote sustainability.</li> <li>• Students analyze India's major export and import partners and products. They can present their findings in a graph or chart and discuss how international trade impacts India's economy.</li> <li>• A current geographical issue in India (e.g., deforestation, water scarcity, urbanization) to research.</li> </ul>

			<ul style="list-style-type: none"> <li>Means of transport: Land (Road transport, Rail transport and Oil and Gas pipelines), Water transport (Inland waterways and Oceanic routes) and Air transport</li> <li>Communication Networks- Personal and Mass Communication Systems</li> </ul>	02	
			<b>Ch8- International trade</b> <ul style="list-style-type: none"> <li>Changing Pattern of the Composition of India's Exports and Import</li> <li>Direction of Trade</li> <li>Sea Ports as Gateways of International Trade</li> <li>Major Seaports of India along with their hinterlands.</li> <li>Airports</li> </ul>	02	
			<b>Ch9- Geographical perspective on selected issues and problems</b> <ul style="list-style-type: none"> <li>Environmental pollution- Introduction and types</li> <li>Urban-waste disposal</li> <li>Rural-Urban Migration: Case Study</li> <li>Problems of Slums</li> <li>Land degradation: Case study</li> <li><b>End of topic test</b></li> </ul>	01	
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				01	
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li><b>Examination</b></li> </ul>	21	<ul style="list-style-type: none"> <li>Examination</li> </ul>
<b>TERM-II</b>					
October	13		<b>Practical: CH3 Graphical representation of Data</b> <ul style="list-style-type: none"> <li>Representation of data- General rules for drawing diagrams, graphs and maps, construction of line graphs, polygraphs, simple bar diagrams, line and bar diagram, Multiple bar, Compound bar, Pie diagram, Flowchart</li> <li>Thematic maps; Construction of Dot Map; Choropleth Map and Isopleth map</li> </ul>	03	<ul style="list-style-type: none"> <li>Data Interpretation</li> </ul>
			<b>Practical: CH4- Spatial Information Technology</b> <ul style="list-style-type: none"> <li>Introduction to GIS; Advantages of GIS, Components of GIS, Spatial data formats,</li> <li>Sequence of GIS activities; Spatial data input, Entering attribute data, Data Linkages and matching, Spatial analysis: Overlay Analysis Operation and Buffer Operation</li> <li><b>End of topic test</b></li> </ul>	04	
				03	
				02	
				01	
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Examination / Revision</li> </ul>	23	<ul style="list-style-type: none"> <li>Examination / Revision</li> </ul>

December	22	Pre-Board-I	• Examination	22	• Examination
January	22	Pre-Board-II	• Examination	22	• Examination
February	22		• Board Examination	---	• Board Examination
March	20		• Board Examination	---	• Board Examination

**Subject: Economics-(030)**

**Prescribed Book: -**

1. PART-A: Introductory Macroeconomics - NCERT
2. PART-B: Indian Economic Development- NCERT
3. PART C: Project Work

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>Part A: Macroeconomics</li> <li>Unit 1: National Income and Related Aggregates (10 Marks)</li> <li>Ch 1-Basic concepts of Macro Economics</li> <li>Ch 2-Circular flow of income</li> <li>Ch 3-National income and Related Aggregates</li> <li>Ch 4-Measurement of National Income</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	3 3 3 12 2	<ul style="list-style-type: none"> <li>Model preparation in class of circular flow of income in different sectors.</li> <li>Classification and Identification of various types of goods in class. (Final and Intermediate goods)</li> </ul>
May	12		<ul style="list-style-type: none"> <li>Part A: Macroeconomics</li> <li>Unit 2: Money and Banking (6Marks)</li> <li>Ch-4 Money</li> <li>Ch 5- Banking</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	5 5 2	<ul style="list-style-type: none"> <li>Experiential learning (Visit to a commercial bank)</li> <li>Study and analysis of RBI annual report.</li> </ul>
June	13		<ul style="list-style-type: none"> <li>Part A: Macroeconomics</li> <li>Unit 3: Determination of Income and Employment (12 Marks)</li> <li>Ch 6- Aggregate Demand and its components</li> <li>Ch 7- Short run equilibrium output</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	5 5 2	<ul style="list-style-type: none"> <li>Project work on 'AD-AS Mechanism" in class with the help of diagram.</li> </ul>
July	25	Periodic Test-I	<ul style="list-style-type: none"> <li>Part A: Macroeconomics</li> <li>Unit 3: Determination of Income and Employment</li> <li>Ch 8- Problems of Excess and Deficient demand</li> <li>Part B: Indian Economic Development</li> <li>Unit 6: Development Experience (1947-90) and Economic Reforms since 1991</li> <li>(12 Marks )</li> <li>Ch-1 Indian Economy on the eve of</li> </ul>	9 6 8	<ul style="list-style-type: none"> <li>Corrective Mechanism of Inflationary and Deflationary gap with the help of diagrams.</li> <li>Outline map of World (For locating East Pakistan presently Bangladesh and west Punjab presently Pakistan) to identify the major changes in the resources after partition.</li> <li>Case study on IPR act 1956 with their implementation and draw back.</li> <li>Discussion on Challenges in achieving food</li> </ul>

			<ul style="list-style-type: none"> <li>Independence And IPR</li> <li>Ch -2 Economic Reforms since 1991</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	2	security in India.
August	23		<ul style="list-style-type: none"> <li>Part A: Macroeconomics</li> <li>Unit 4: Government Budget and the Economy (6 Marks)</li> <li>Ch 9 -Government budget</li> <li>Unit 5: Balance of Payments (6 Marks)</li> <li>Ch 10- Foreign Exchange rate</li> <li>Ch 11- Balance of payment</li> <li>End of Topic Test &amp; Class Discussion</li> <li>Unit 7: Current challenges facing Indian Economy (20 Marks)</li> <li>Ch 3-Human Capital Formation</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	5 5 4 2 5 2	<ul style="list-style-type: none"> <li>Students will collect the various bills from mall, restaurant, online shopping etc. to identify the GST (indirect tax) in total amount.</li> <li>Annual Budget Analysis (2025-26)</li> <li>Prepare the dummy currency (Japanese Yen, US dollar) by the students in class and exchange in the class with other students.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Part B: Indian Economic Development</li> <li>Unit 7: Current challenges facing Indian Economy</li> <li>Ch 4-Rural Development</li> <li>End of Topic Test &amp; Class Discussion</li> <li>Ch 5-Environment and Sustainable Development</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	13 2 4 2	<ul style="list-style-type: none"> <li>Preparation of CBSE Project (Draft)</li> </ul>
<b>TERM-II</b>					
October	13		<ul style="list-style-type: none"> <li>Part B: Indian Economic Development (8 Marks)</li> <li>Unit 8: Development Experience of India- A Comparison with Neighbours</li> <li>Ch 6- Comparative study of India, Pakistan and China</li> <li>End of Topic Test &amp; Class Discussion</li> <li>Finalization of CBSE Project (20 Marks)</li> </ul>	7 2 2 2	<ul style="list-style-type: none"> <li>Case study to Identify and be able to comprehend the reforms in India, Pakistan and China.</li> <li>Case study on SEZ.</li> <li>Finalization of CBSE Project</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Doubt-clearing and</li> <li>revision of entire syllabus</li> </ul>	23	<ul style="list-style-type: none"> <li>CBSE sample paper practice</li> <li>Discussion and practice on old question papers of CBSE.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>REVISION</li> </ul>	22	<ul style="list-style-type: none"> <li>REVISION</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>REVISION</li> </ul>	22	<ul style="list-style-type: none"> <li>REVISION</li> </ul>
February	22		<ul style="list-style-type: none"> <li>REVISION</li> </ul>	22	<ul style="list-style-type: none"> <li></li> </ul>
March	20		<ul style="list-style-type: none"> <li>Board Exam</li> </ul>		<ul style="list-style-type: none"> <li></li> </ul>



Subject: Political Science (028)

Prescribed Books; 1. Contemporary World Politics, Class XII, Published by NCERT  
2. Politics in India Since Independence, Class XII, Published by NCERT

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<b>Book 1- Contemporary World Politics</b> <b>Ch1-The End of Bipolarity</b> <ul style="list-style-type: none"> <li><i>The Soviet System</i></li> <li><i>Gorbachev and the disintegration</i></li> <li><i>Causes and Consequences of disintegration of Soviet Union</i></li> <li><i>Shock Therapy and its Consequences</i></li> <li><i>New entities in world politics, Russia, Balkan States &amp; Central Asian States</i></li> <li><i>India's relations with Russia and other post-communist countries</i></li> </ul> <b>Book 2 – Politics in India since Independence</b> <b>Ch-1 Challenges of Nation Building</b> <ul style="list-style-type: none"> <li>Challenges for the new Nation, Three Challenges.</li> <li>Partition: Displacement and Rehabilitation, Consequences of Partition.</li> <li>Integration of Princely States, The problem, Government's approach, Hyderabad, Manipur</li> <li>Reorganization of States.</li> <li><b>End of topic test</b></li> </ul>	02 02 01 02 03 02 02 02 03 03 02	<ul style="list-style-type: none"> <li>Create a timeline of key events during the Bipolar Cold War era in chronological order.</li> <li>Develop a timeline highlighting the events leading to the Soviet disintegration, the rise of unipolar US hegemony, and list key Soviet leaders along with their policies.</li> <li>Illustrate the role of Sardar Patel as India's first Home Minister, focusing on his contributions to national integration.</li> <li>Create a mind map showing the integration of princely states like Hyderabad, Kashmir, and Junagarh into the Indian Republic.</li> </ul>
May	12		<b>Ch2- Contemporary Centers of Power</b> <ul style="list-style-type: none"> <li><i>European Union</i></li> <li><i>Association of Southeast Asian Nations c) Rise of China as an economic power</i></li> <li><i>Japan and South Korea as emerging powers</i></li> </ul> <b>Ch3- Contemporary South Asia</b> <ul style="list-style-type: none"> <li><i>Military and Democracy in Pakistan and Bangladesh</i></li> <li><i>Monarchy and Democracy in Nepal</i></li> <li><i>Ethnic Conflict and Democracy in Sri Lanka</i></li> <li><i>India-Pakistan Conflicts</i></li> <li><i>India and its Neighbors</i></li> <li><i>Peace and Cooperation</i></li> <li><b>End of Topic Test</b></li> </ul>	01 02 02 01 01 01 01 02	<ul style="list-style-type: none"> <li>Create a mind map on emerging centers of power such as SAARC, ASEAN, the European Union, and China.</li> </ul>
June	13	Periodic Test-I	<b>Ch4 -International Organizations</b> <ul style="list-style-type: none"> <li><i>Meaning and importance of International</i></li> </ul>		<ul style="list-style-type: none"> <li>Discuss and propose solutions in a simulated UN Security Council meeting.</li> </ul>

		<ul style="list-style-type: none"> <li>Organizations</li> <li>Evolution of the UN</li> <li>Structure and function of International Organizations</li> <li>Principal Organs of UN</li> <li>Reform of the UN after Cold War</li> <li>Reform of Structures, Processes and Jurisdiction of the UN</li> <li>India and the UN Reforms</li> <li>Key Agencies: IMF, World Bank, WTO, ILO, IAEA</li> <li>NGO: Amnesty International, Human Rights Watch.</li> <li>Implications and Future of International Organizations</li> <li><b>End of topic test</b></li> </ul>	01 01 02  02  01  01 01 01 01  02	<ul style="list-style-type: none"> <li>Vote on possible resolutions and analyze the outcomes.</li> </ul>
July	25	<b>Ch5- Security in the contemporary world</b> <ul style="list-style-type: none"> <li>Meaning and Type of Security.</li> <li>Traditional concept of Security</li> <li>Non-tradition notions of Security.</li> <li>New Sources of Threats</li> <li>Cooperative Security</li> <li>India's Security strategy</li> </ul> <b>Ch6 -Environment and natural resources</b> <ul style="list-style-type: none"> <li>Environmental Concerns</li> <li>Global Commons</li> <li>Common but differentiated responsibilities</li> <li>India's Stand on Environment Issues</li> <li>Environmental Movements</li> <li>Resource Geopolitics</li> <li>Rights of Indigenous peoples</li> </ul> <b>Ch7 -Globalization</b> <ul style="list-style-type: none"> <li>Concept of globalisation</li> <li>Causes and Consequences of globalisation</li> <li>India and globalization</li> <li>Resistance to globalization</li> <li>India and resistance to globalisation</li> <li><b>End of topic test</b></li> <li><b>Discussion</b></li> </ul>	01 01 02 01 01 01  01 01 02 01 01  01 02 01 02 02 03	<ul style="list-style-type: none"> <li>Develop a mind map on globalization, covering different types of globalization and India's experience with it from post-1947 to the present.</li> <li>Design a mind map illustrating major arms control treaties and their significance.</li> <li>Research real-world examples such as deforestation, fossil fuels, and renewable energy.</li> </ul>
August	23	<b>Book 2 – Politics in India since Independence</b> <b>Ch2 Era of One Party dominance</b> <ul style="list-style-type: none"> <li>Challenge of building democracy.</li> <li>Congress dominance in the first three general elect</li> </ul>	01 02	<ul style="list-style-type: none"> <li>Develop a mind map on the role of the former Planning Commission, NITI Aayog, Five-Year Plans, and related controversies in India's planning process.</li> </ul>

			<p>ions, Nature of Congress dominance, Congress as social and ideological coalition, Tolerance and management of Factions</p> <ul style="list-style-type: none"> <li>Emergence of opposition parties.</li> </ul> <p><b>Ch3-Politics of planned development</b></p> <ul style="list-style-type: none"> <li>Political contestation, Ideas of Development, Planning &amp; Planning Commission</li> <li>The Early Initiatives</li> <li>The First Five Year Plan</li> <li>Rapid Industrialization.</li> </ul> <p><b>Ch4-India's external relations</b></p> <ul style="list-style-type: none"> <li>International Context</li> <li>The Policy of Non-Alignment.</li> <li>Nehru's role</li> <li>Distance from two camps.</li> <li>Afro Asian Unity</li> <li>Peace and conflict with China</li> <li>The Chinese Invasion 1962</li> <li>War and Peace with Pakistan</li> <li>Bangladesh War 1971</li> <li>India's Nuclear Policy.</li> </ul> <p><b>Ch5-Challenges to &amp; restoration of the congress system</b></p> <ul style="list-style-type: none"> <li>Challenge of Political Succession</li> <li>From Nehru to Shastri</li> <li>From Shastri to Indira Gandhi</li> <li>Fourth General Election 1967</li> <li>Context of the Election, Non Congressism, Electoral Verdict, Coalitions &amp; Defections</li> <li>Split in the Congress, Indira vs the Syndicate, Presidential Election 1969</li> <li>The 1971 Election and Restoration of Congress &amp; The outcome and after Restoration</li> <li><b>End of topic test</b></li> </ul>	<p>02</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>01</p> <p>02</p> <p>01</p> <p>01</p> <p>02</p> <p>01</p> <p>01</p> <p>01</p>	<ul style="list-style-type: none"> <li>Identify and mark key locations related to the Non-Aligned Movement on a map.</li> <li>Represent key determinants of India's foreign policy, including the Panchsheel Pact, Act East Policy, and India's nuclear policy, in a mind map.</li> <li>Outline the results of India's foreign policy and its impact on global and regional relations.</li> <li>Analyze the Indian political system by creating a mind map on the Congress system and ideologies of non-Congress parties like the Bharatiya Jana Sangh, CPI, Swatantra Party, and Socialist Party.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Revision</li> </ul>	21	<ul style="list-style-type: none"> <li>Examination</li> </ul>
<b>TERM-II</b>					
October	13		<p><b>Ch6 The crisis of democratic order</b></p> <ul style="list-style-type: none"> <li>Background to Emergency, Economic Context., Gujarat and Bihar Movements &amp; Conflict with Judiciary</li> <li>Declaration of Emergency, Crisis and response &amp; Consequences</li> <li>Lessons of the Emergency.</li> <li>Politics after Emergency, Lok Sabha Elections 1977</li> </ul>	<p>02</p> <p>02</p> <p>02</p>	<ul style="list-style-type: none"> <li>Illustrate the academic and political contributions of Pandit Deen Dayal Upadhyay, JP Narayan, and Ram Manohar Lohia through a mind map.</li> </ul>

			& Janata Government • Legacy <b>Ch7 Regional Aspirations</b> • Region and the Nation, Indian Approach, Areas of Tension, Jammu and Kashmir, Roots of the Problem, External and Internal disputes, Politics since 1948, Insurgency and After & 2022 and Beyond • Punjab, Political Context, Cycle of Violence & Road to Peace • The Northeast, Demand for autonomy, Secessionist Movements, Movements against outsiders & Assam and National Integration • <b>End of topic test</b>	01  02  01  02  01	
November	23	Periodic Test-II	<b>Ch8 Recent developments in Indian politics</b> • Context of 1990s • Era of Coalition & Alliance Politics • Political rise of the Backward Classes, Mandal Implemented & Political Fallouts • Communalism, Secularism and Democracy, Ayodhya Dispute & Demolition and after • Emergence of New Consensus • Lok Sabha Elections 2004 • Growing Consensus • Discussion • Revision / Examination	01  01  02  02  01  01  06+01	• Examination/ Revision • Develop a mind map on recent political developments in India since 1989, including coalition governments, the rise of BJP and right-wing politics, the role of OBCs as a voting bloc, and the New Economic Policy since 1991.
December	22	Pre-Board-I	• Examination	22	• Examination
January	22	Pre-Board-II	• Examination	22	• Examination
February	22		• Board Examination	---	• Board Examination
March	20		• Board Examination	---	• Board Examination

Subject: Accountancy (055)

Prescribed Books : 1. NCERT- Accountancy (Vol. 1)

2. NCERT- Accountancy (Vol. 2)

3. NCERT- Accountancy (Vol. 3)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	30/23		• Fundamental of Accounting for Partnership Firm • Goodwill Nature and Valuation • End of Topic Test & Class Discussion	16  12 2	• Partnership Act 1932 relevant Provisions • Partnership deed List of items



May	15/12		<ul style="list-style-type: none"> <li>Changes in Profit and Loss Sharing Ratio</li> <li>Accounting for admission of Partnership</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	3 10 2	<ul style="list-style-type: none"> <li>Partnership Firm Registration Process</li> </ul>
June	15/13	Periodic Test-I	<ul style="list-style-type: none"> <li>Accounting for admission of Partnership</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	13 2	<ul style="list-style-type: none"> <li>Admission of a partner in a partnership firm Process</li> </ul>
July	32/25		<ul style="list-style-type: none"> <li>Accounting for retirement/death of Partnership</li> <li>Accounting for dissolution of Partnership</li> <li>End of Topic Test &amp; Class Discussion.</li> </ul>	21 9 2	<ul style="list-style-type: none"> <li>Retirement and Death of a partner in a partnership firm Process</li> </ul>
August	16/23		<ul style="list-style-type: none"> <li>Accounting for dissolution of Partnership</li> <li>Accounting for issue of share</li> <li>End of Topic Test &amp; Class Discussion.</li> </ul>	5 9 2	<ul style="list-style-type: none"> <li>Dissolution Process</li> </ul>
September	27/21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Accounting for issue of share</li> <li>Accounting for issue of Debenture</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	20 5 2	<ul style="list-style-type: none"> <li>Reliance Industries Financial Statement Discussion</li> </ul>
TERM-II					
October	16/13		<ul style="list-style-type: none"> <li>Accounting for issue of Debenture</li> <li>Financial Statement of Companies</li> <li>Ratio Analysis of Financial Statements</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	2 5 7 2	<ul style="list-style-type: none"> <li>Reliance Industries Financial Statement Discussion</li> </ul>
November	30/23	Periodic Test-II	<ul style="list-style-type: none"> <li>Ratio Analysis of Financial Statements</li> <li>Statement of Cash Flow</li> <li>End of Topic Test &amp; Class Discussion</li> </ul>	7 21 2	<ul style="list-style-type: none"> <li>Discussion on Listed Companies applying (AS- 3)</li> </ul>
December	15/22	Pre-Board-I	<ul style="list-style-type: none"> <li>Written Practical &amp; Project file Preparation</li> <li>Full Course Revision</li> </ul>	10 5	
January	15/22	Pre-Board-II	<ul style="list-style-type: none"> <li>Full Course Revision</li> </ul>		
February	22		<ul style="list-style-type: none"> <li>Board Exam</li> </ul>		
March	20		<ul style="list-style-type: none"> <li>Board Exam</li> </ul>		

Subject : Business Studies (054)

Prescribed Book :- 1. NCERT

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	30/23		<ul style="list-style-type: none"> <li>Ch. 9: Financial Management</li> <li>Ch. 10: Financial Market</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	15 13 2	<ul style="list-style-type: none"> <li>Live demonstration on online trading</li> <li>Field visit to Stock Exchange</li> </ul>
May	15/12		<ul style="list-style-type: none"> <li>Ch. 11: Marketing Management</li> <li>End of Topic Test</li> </ul>	13 2	



			<ul style="list-style-type: none"> <li>Class Discussion</li> </ul>		
June	15/13	Periodic Test-I	<ul style="list-style-type: none"> <li>Ch. 11: Marketing Management</li> <li>Ch. 12: Consumer Protection</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	4 9 2	<ul style="list-style-type: none"> <li>Preparation of Board Practical file</li> </ul>
July	32/25		<ul style="list-style-type: none"> <li>Ch. 1: Nature and Significance of Management</li> <li>Ch. 2: Principles of Management</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	14 16 2	<ul style="list-style-type: none"> <li>Group Discussions</li> <li>Field Survey of various Companies to know applicability of principle of management.</li> <li>Preparation of Board Practical file</li> </ul>
August	16/23		<ul style="list-style-type: none"> <li>Ch. 3: Business Environment</li> <li>Ch. 4: Planning</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	7 7 2	<ul style="list-style-type: none"> <li>Group Discussions</li> <li>News Paper reading</li> </ul>
September	27/21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Ch. 5: Organising</li> <li>Ch. 6: Staffing</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	13 12 2	<ul style="list-style-type: none"> <li>Field visit to know organisational structure</li> </ul>
TERM-II					
October	16/13		<ul style="list-style-type: none"> <li>Ch. 6: Staffing</li> <li>Ch. 7: Directing</li> <li>Ch. 8: Controlling</li> <li>End of Topic Test</li> <li>Class Discussion</li> </ul>	4 7 3 2	<ul style="list-style-type: none"> <li>Role play as HR</li> <li>Quiz and Assignment</li> <li>Chart Presentation on Maslow Need Hierarchy theory</li> </ul>
November	30/23	Periodic Test-II	<ul style="list-style-type: none"> <li>Ch. 8: Controlling</li> <li>End of Topic Test</li> <li>Class Discussion</li> <li>Revision</li> </ul>	5 2	<ul style="list-style-type: none"> <li>Quiz and Assignment</li> </ul>
December	15/22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Quiz and Assignment</li> </ul>
January	15/22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Quiz and Assignment</li> </ul>
February	22		<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Quiz and Assignment</li> </ul>
March	20		<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Quiz and Assignment</li> </ul>

Subject : Painting (049)

Prescribed Book :- 1. Panoramic Indian Painting

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be Covered)	Tentative No. of Periods Required	Activities Proposed
TERM-I					
April	23		<ul style="list-style-type: none"> <li>The Rajasthan School of Miniature</li> <li>Painting. Origin and Development, Features of</li> </ul>	8	

			Rajasthani paintings, Appreciation of Rajasthani paintings + Practical.		
May	12		<ul style="list-style-type: none"> <li>The Pahari School of Miniature Painting.</li> <li>Origin and Development.</li> </ul>	4	
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>Features of Pahari School Appreciation of Pahari Paintings + Practical.</li> </ul>	6	
July	25		<ul style="list-style-type: none"> <li>The Mughal school of Miniature Painting + .</li> <li>Origin and Development, Features of Pahari School Appreciation of Pahari Paintings +Practical</li> </ul>	8	<ul style="list-style-type: none"> <li>Still Life Painting: Set up a still life arrangement with various objects and have students paint what they see. Encourage them to pay attention to light and shadow, composition, and texture.</li> </ul>
August	23		<ul style="list-style-type: none"> <li>The Deccan School of Miniature Painting +.</li> <li>Origin and Development, Features of Pahari School Appreciation of Pahari Paintings+ Practical</li> </ul>	8	
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>REVISION</li> </ul>		<ul style="list-style-type: none"> <li>N.A</li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>The Bengal School of Painting+ Practical</li> </ul>	8	<ul style="list-style-type: none"> <li>Portrait Painting: If your students have some experience with painting, consider introducing portrait painting. You could either have live models for them to paint from or provide photographs for reference.</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>The Modern Trends in Indian Art</li> </ul>	2	<ul style="list-style-type: none"> <li>Nature Painting: Take the class outdoors for a plain air painting session. Have students choose natural scene to paint, such as a landscape, a tree, or a flower garden. This allows them to observe and capture the beauty of nature</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Practical + Revision</li> </ul>		
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		
February	22				N.A
March	20				

Subject : Psychology (037)

Prescribed Book :- 1. Psychology Text book for Class XII (NCERT)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April	23		<b>CH:1- Variations in Psychological Attributes</b> <ul style="list-style-type: none"> <li>Individual Differences in Human Functioning</li> <li>Assessment of Psychological Attributes</li> <li>Psychometric Theories of Intelligence, Information Processing Theory: Planning, Attention-arousal and Simultaneous successive Model of Intelligence, Triarchic Theory of Intelligence; Theory of Multiple</li> <li>Individual Differences in Intelligence</li> <li>Culture and Intelligence</li> <li>Emotional Intelligence</li> <li>Special Abilities: Aptitude: Nature and Measurement</li> <li>Creativity</li> </ul> <b>CH:2- Self and Personality</b> <ul style="list-style-type: none"> <li>Concept of Self and Cognitive and Behavioural aspects of Self</li> <li>Culture and Self</li> <li>Concept of Personality</li> <li>Type Approaches</li> <li>Trait Approaches</li> <li>Psychodynamic Approach and Post Freudian Approaches</li> <li>Behavioural Approach, Cultural Approach, Humanistic Approach</li> <li>Assessment of Personality such as- Self-report Measures</li> <li>Projective Techniques</li> <li>Behavioural Analysis</li> <li><b>End of topic test</b></li> </ul>	1 1 3  1 1 1 2 1  1 1 1 1 1 3 1 2  1	<ul style="list-style-type: none"> <li>Poster Making: Different theories of Intelligence</li> <li>Case study solving</li> <li>Group Discussion: Concept of Personality</li> <li>Role playing: Different Personality Types</li> <li>Case study solving</li> </ul>
May	12		<b>CH:3-Meeting Life Challenges</b> <ul style="list-style-type: none"> <li>Nature, Types and Sources of Stress</li> <li>Effects of Stress on Psychological Functioning and Health</li> <li>Stress and Health</li> <li>General Adaptation Syndrome</li> <li>Stress and Immune System</li> </ul>	1 1 1 1 1 1	<ul style="list-style-type: none"> <li>Practicing Stress Management Techniques</li> <li>Promoting Positive Health and Well-being</li> <li>Case study solving</li> </ul>



August	23		<b>CH:6- Attitude and Social Cognition</b>		<ul style="list-style-type: none"> <li>Making models</li> <li>Comparative Studies on attitude Formation and attitude Change</li> <li>Analyze attitude-Behaviour Relationship</li> <li>Group Discussion: Prejudice and Discrimination</li> <li>Case study solving</li> <li>Making Mind Map: Type of Groups</li> </ul>
			• Explaining Social Behaviour	1	
			• Nature and Components of Attitudes	1	
			• Attitude Formation and Change	2	
			• Attitude Formation	2	
			• Attitude Change	2	
			• Attitude-Behaviour Relationship	2	
			• Prejudice and Discrimination	2	
			• Strategies for Handling Prejudice	1	
			<b>CH:7-Social Influence and Group Processes</b>		
			• Introduction	1	
			• Nature and Formation of Groups	2	
			• Type of Groups	2	
			• Influence of Group on Individual Behaviour	1	
			• Social Loafing	2	
			• Group Polarisation	1	
			• <b>End of topic test</b>	1	
September	21	Mid-Term Examination	• Examination	21	• Examination
TERM-II					
October	13		<b>CH:7-Social Influence and Group Processes (CONT...)</b>	11 01	<ul style="list-style-type: none"> <li>Group Discussion:</li> <li>Influence of Group on Individual Behaviour</li> <li>Social Loafing</li> <li>Group Polarisation</li> <li>Case study solving</li> </ul>
			• <b>Performance Test</b>		
November	23	Periodic Test-II	• Examination / Revision	23	
December	22	Pre-Board-I	• Examination	22	
January	22	Pre-Board-II	• Examination	22	
February	22		• Board Examination	---	• Board Examination
March	20		• Board Examination	---	• Board Examination

**Subject : Computer Science (083)**

**Prescribed Book :-** 1. Computer Science with Python, Sumita Arora, Dhanpat Rai & Co.

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> <li><b>Ch-1</b> Python Revision Tour</li> <li><b>Ch-2</b> Python Revision Tour - II</li> <li><b>Ch-3</b> Working with Functions</li> <li><b>End of Topic Test</b></li> </ul>	02 02 15	<ul style="list-style-type: none"> <li><b>Python Revision Tour-I/Python Revision Tour-II</b></li> <li>Solve different output-based questions to recapitulate the fundamentals of Python.</li> <li>Programs in Python to perform the tasks as follows:</li> <li>Create and display the Fibonacci Series.</li> <li>Check for prime, palindrome, Armstrong, perfect numbers etc.</li> <li>Input a list/tuple and implement various operations viz. concatenation, repetition, traversal, deletion, insertion, sorting</li> </ul>



					<ul style="list-style-type: none"> <li>etc.</li> <li>Input key and values to create a dictionary and display the maximum/minimum salary of the employee, average marks of each student etc.</li> <li><b>Working with Functions</b></li> <li>Write programs in Python to create function for the following:</li> <li>To find the L.C.M/G.C. D of two input numbers.</li> <li>To implement the simple calculator.</li> <li>To pass the base (a) and power(b) as function arguments and display the result as <math>a^b</math> without using the built-in function.</li> <li>To pass the lower and upper range as function arguments and display all even/odd/prime/armstrong/perfect/palindrome numbers within the range.</li> <li>To pass two string arguments and check whether they are of same length or not.</li> <li>To pass a string (a statement)</li> <li>Solving few problems to understand the concept of global scope of variables, multiple return statements mutable and immutable data types.</li> </ul>
May	12		<ul style="list-style-type: none"> <li>Ch-5 File Handling</li> <li>End of Topic Test</li> </ul>	20 (10 due to be continued in June)	<ul style="list-style-type: none"> <li><b>File Handling in Python</b></li> <li>Write a program in Python that counts the number of "Me" or "My" words present in a text file "story.txt" that contains a small paragraph.</li> <li>Write a function in Python to count the number of lines in a text a file "My_story.txt" that are starting with an alphabet "A".</li> <li>Write a method/function called DISPLAYWORDS () in Python to read lines from a text file REF.TXT and display those words whose length is less than 4 characters.</li> </ul>
June	13		<ul style="list-style-type: none"> <li>Ch-5 File Handling</li> <li>End of Topic Test</li> </ul>	15	<ul style="list-style-type: none"> <li><b>File Handling in Python</b></li> <li>Write a program to read and append the data in a binary file.</li> <li>Write a function to search and display the details of a student whose roll no is '15' from the binary file.</li> <li>Write a program that reads a text file and creates another file that is identical except that every sequence of consecutive blank spaces is replaced by a single space.</li> </ul>
July	25	Periodic Test-I	<ul style="list-style-type: none"> <li>Ch-6 Exception Handling</li> <li>Ch-7 Data Structures</li> <li>End of Topic Test</li> </ul>	06 12	<ul style="list-style-type: none"> <li><b>Exception Handling</b></li> <li>Write a program in Python to handle the Division by Zero error/exception.</li> <li>Write a program in Python to ensure that an integer is entered as input and in case any other value is entered, it displays a message 'Not a valid integer'.</li> <li>Write a program in Python to handle an exception while opening a file.</li> <li>Write a program in Python to handle multiple exceptions.</li> <li><b>Data Structures: Stack</b></li> <li>Write a menu-based program to add, delete and display the record of hostel using list as stack data structure in Python. The record of hostel contains the fields: Hostel Number, Total Students and Total Rooms.</li> </ul>

					<ul style="list-style-type: none"> <li>Write a Python program to create a stack of student's marks, who retrieve the information from a dictionary. Stud= {"Amit":67,"Ved":45,"Akash":10}</li> <li>Write a function PUSH (Student) to add marks of those students who have marks more than 50 from a dictionary Student.</li> <li>Write a function POP (Student) to remove the marks from the stack and display them.</li> </ul>
August	23		<ul style="list-style-type: none"> <li>Ch-10 Relational Databases</li> <li>Ch-11 Simple Queries in SQL</li> <li>End of Topic Test</li> </ul>	03 15	<ul style="list-style-type: none"> <li><b>Relational Databases/Simple Queries in SQL</b></li> <li>To create table in MySQL application and populate the same with n number of tuples and m number of fields along in addition with Primary Key.</li> <li>Application of different DDL commands viz. create, alter, drop etc. in form SQL queries.</li> <li>Application of different DML commands viz. select, update, insert, delete etc. in form SQL queries</li> <li>Framing SQL queries using different keywords/clauses viz. distinct, where, in, not in, like, group by, order by etc.</li> <li>Application of aggregate functions sum(), count(), average(), min(), max().</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Ch-12 Table Creation and Data Manipulation Commands</li> <li>End of Topic Test</li> </ul>	03	<ul style="list-style-type: none"> <li><b>Table Creation and Data Manipulation Commands</b></li> <li>To create tables with constraints viz. foreign key, primary key etc.</li> <li>Implement different DDL and DML commands i.e. ALTER, DROP, INSERT, UPDATE and SELECT.</li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Ch -13 Grouping Records, Joins in SQL</li> <li>Ch-8 Computer Networks – I</li> <li>End of Topic Test</li> </ul>	04 07	<ul style="list-style-type: none"> <li><b>Grouping Records, Joins in SQL</b></li> <li>To make queries on Joining Tables.</li> <li>Drawing diagrams and framing SQL queries on Cartesian product, join operation.</li> <li><b>Computer Networks I</b></li> <li>Create a hierarchical pictorial chart to classify the transmission media. Also make a tabular chart to explain each transmission media along relevant diagram.</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Ch-9 Computer Networks – II</li> <li>Ch -14 Interface Python with MySQL</li> <li>End of Topic Test</li> </ul>	05 05	<ul style="list-style-type: none"> <li><b>Computer Networks II</b></li> <li>Create a tabular chart to illustrate different types of computer networks such as PAN, LAN, MAN, WAN.</li> <li>Create a hierarchical pictorial chart to classify different network topologies. Also make a tabular chart to describe each with relevant diagram.</li> <li><b>Interface of Python with SQL Database</b></li> <li>Develop Python code to implement a basic text-based application to allow the user to interact with the online electronics shopping database.</li> </ul>
December	22	Pre-Board-I	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Project Work</li> </ul>
January	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Revision</li> </ul>		<ul style="list-style-type: none"> <li>Project Work</li> </ul>
February	22		<ul style="list-style-type: none"> <li>Revision</li> </ul>		
March	20				

**Subject : Informatics Practices (065)**
**Prescribed Book : Informatics Practices, Sumita Arora, Dhanpat Rai & Co.**

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
<b>TERM-I</b>					
April May	23 12	<b>Periodic Test-I</b>	<ul style="list-style-type: none"> <li>Ch-1 Python Pandas - I</li> <li>End of Topic Test</li> </ul>	18 01	<ul style="list-style-type: none"> <li><b>Python Pandas - I</b></li> <li>Create series and dataframes</li> <li>Import data from open source CSV files and perform basic row and column operation</li> <li>Write a program to create three different Series objects from the three columns of a dataframe.</li> <li>Write a program to create a DataFrame storing salesman details (name, zone, sales) of five salesman.</li> <li>A list stores three dictionaries each storing details, (old price, new price, change). Write a program to create dataframe from it.</li> </ul>
June	13		<ul style="list-style-type: none"> <li>Ch-2 Python Pandas - II</li> <li>End of Topic Test</li> </ul>	12 01	<ul style="list-style-type: none"> <li><b>Python Pandas - II</b></li> <li>Iterating over a DataFrame</li> <li>Binary Operations in a DataFrame</li> <li>Descriptive Statistics with Pandas &amp; some other functionalities</li> <li>Take a DataFrame of your choice. Write a program to calculate the count of values only in a selective column.</li> <li>Write a program that performs count, sum, max, and min functions: <ul style="list-style-type: none"> <li>On Rows</li> <li>On Columns</li> </ul> </li> </ul>
July	25		<ul style="list-style-type: none"> <li>Ch-3 Plotting with PyPlot</li> <li>End of Topic Test</li> </ul>	12 01	<ul style="list-style-type: none"> <li><b>Plotting with Pyplot</b></li> <li>Creating Line Charts, Scatter Charts, Bar Charts, Pie Charts, Histograms</li> <li>The score of a team in 5 IPL matches is available to you. Write a program to create a pie chart from this data, showing the last match's performance as a wedge.</li> <li>A distribution data stores about 1000 random number. Write a program to create a scatter charts from this data with varying point sizes.</li> <li>Create an ndarray containing 16 values and then plot this array along with dataset given.</li> </ul>
August	23		<ul style="list-style-type: none"> <li>Ch-4 Importing/Exporting Data between CSV files/MySQL and Pandas</li> <li>End of Topic Test</li> </ul>	17  01	<ul style="list-style-type: none"> <li><b>Importing/Exporting Data between CSV files/MySQL and Pandas</b></li> <li>Transferring data between .csv files and DataFrames</li> <li>Transferring data between DataFrames and MySQL</li> <li>Exporting a DataFrame's Data as a Table in MySQL Database</li> <li>Write a program to read details such as Item, sales made in a DataFrame and then store this data in a CSV file.</li> <li>The sales table of company database of MySQL stores the sales</li> </ul>

					records of 100 salesmen. Write a program to load only those records in dataframe which have made sales more than of 50000/-.
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>Ch-5 MySQL SQL Revision Tour</li> <li>Ch-6 MySQL Functions</li> <li>Ch-7 Querying Using SQL</li> <li>End of Topic Test</li> </ul>	03 05 09 01	<ul style="list-style-type: none"> <li><b>MySQL &amp; SQL</b></li> <li>To create table in MySQL application and populate the same with n number of tuples and m number of fields along in addition with Primary Key.</li> <li>Application of different DDL commands viz. create, alter, drop etc. in form SQL queries.</li> <li>Application of different DML commands viz. select, update, insert, delete etc. in form SQL queries</li> <li>Implement different DDL and DML commands i.e. ALTER, DROP, INSERT, UPDATE and SELECT.</li> <li>Framing SQL queries using different keywords/clauses viz. distinct, where, in, not in, like, group by, order by etc.</li> <li>Application of aggregate and single row functions sum(), count(), average(), min(), max(), Text/String functions, Numeric Functions etc.</li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>Ch-8 JOINS and SET Operations</li> <li>Ch -9 Introduction To Computer Networks</li> <li>End of Topic Test</li> </ul>	04 07	<ul style="list-style-type: none"> <li><b>Introduction to Computer Networks</b></li> <li>Create a hierarchical pictorial chart to classify the transmission media. Also make a tabular chart to explain each transmission media along relevant diagram.</li> <li>Create a tabular chart to illustrate different types of computer networks such as PAN, LAN, MAN, WAN.</li> <li>Create a hierarchical pictorial chart to classify different network topologies. Also make a tabular chart to describe each with relevant diagram.</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>Ch -10 Introduction To Internet &amp; Web</li> <li>Ch-11 Societal Impacts</li> <li>End of Topic Test</li> </ul>	5 3	<ul style="list-style-type: none"> <li><b>Introduction to Internet &amp; Web</b></li> <li>Enlisting different Internet/Web Terminologies and functionalities.</li> <li><b>Societal Impacts</b></li> <li>Make Presentation on E-Waste and Hazards Management</li> </ul>
December	22	Pre-Board-I	Revision		Project Work
January	22	Pre-Board-II	Revision		Project Work
February	22		Revision		
March	20				

#### Subject : Physical Education (048)

1. Physical Education Textbook For Class -XII - Published (Saraswati)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Units	Tentative No. of Periods Required	Subject Enrichment Activities (SEA)
TERM-I					
April	23		<ul style="list-style-type: none"> <li><b>Management of Sporting Events</b></li> <li>Functions of Sports Events Management (Planning, Organising, Staffing, Directing &amp; Controlling)</li> </ul>	20	<ul style="list-style-type: none"> <li>Basketball Skills</li> </ul>



			<ul style="list-style-type: none"> <li>• Various Committees &amp; their Responsibilities (pre; during &amp; post)</li> <li>• Fixtures and their Procedures - Knock-Out (Bye &amp; Seeding) &amp; League (Staircase, Cyclic, Tabular method) and Combination tournaments</li> <li>• Intramural &amp; Extramural tournaments - Meaning, Objectives &amp; Its Significance</li> <li>• Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause &amp; Run for Unity)</li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>		
May	12		<ul style="list-style-type: none"> <li>• <b>Children and Women in Sports</b></li> <li>• Exercise guidelines of WHO for different age groups</li> <li>• Common postural deformities - knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures</li> <li>• Women's participation in Sports - Physical, Psychological, and social benefits</li> <li>• Special consideration (menarche and menstrual dysfunction)</li> <li>• Female athlete triad (osteoporosis, amenorrhea, eating disorders)</li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>	12	<ul style="list-style-type: none"> <li>• Football Skills</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li>• <b>Yoga as Preventive measure for Lifestyle Disease</b></li> <li>• Obesity: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha-Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama.</li> <li>• Diabetes: Procedure, Benefits &amp; Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Supta - vajarasana, Paschimottanasana, Ardha-Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.</li> <li>• Asthma: Procedure, Benefits &amp; Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasana, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalabhati, GomukhasanaMatsyaasana, Anuloma-Viloma.</li> <li>• Hypertension: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Uttanpadasana, ArdhaHalasana, SaralaMatyasana, Gomukhasana, Uttan-Mandukasana, Vakrasana,</li> </ul>	16	<ul style="list-style-type: none"> <li>• Kabaddi Skills</li> </ul>



			<p><i>Bhujangasana, Makarasana, Shavasana, Nadi-shodhanpranayam, Sitlipranayam.</i></p> <ul style="list-style-type: none"> <li>• <i>Back Pain and Arthritis: Procedure, Benefits &amp; Contraindications of Tadasan, Urdhawahastootansana, Ardh-Chakrasana, Ushtrasana, Vakrasana, SaralaMaysyendrsana, Bhujandgasana, Gomukhasana, Bhadrasana, Makarasana, Nadi-Shodhana pranayama.</i></li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>		
July	25		<ul style="list-style-type: none"> <li>• <b>Physical Education &amp; Sports for CWSN (Children with Special Needs)</b></li> <li>• <i>Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics)</i></li> <li>• <i>Concept of Classification and Divisioning in Sports</i></li> <li>• <i>Concept of Inclusion in sports, its need, and Implementation</i></li> <li>• <i>Advantages of Physical Activities for children with special needs</i></li> <li>• <i>Strategies to make Physical Activities assessable for children with special needs</i></li> <li>• <b>Chapter End Test &amp; Discussion</b></li> <li>• <b>Sports &amp; Nutrition</b></li> <li>• <i>Concept of balanced diet and nutrition</i></li> <li>• <i>Macro and Micro Nutrients: Food sources &amp; functions</i></li> <li>• <i>Nutritive &amp; Non-Nutritive Components of Diet</i></li> </ul>	17	<ul style="list-style-type: none"> <li>• Yoga related activities</li> </ul>
August	23		<ul style="list-style-type: none"> <li>• <b>Sports &amp; Nutrition</b></li> <li>• <i>Eating for Weight control - A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths</i></li> <li>• <i>Importance of Diet in Sports - Pre, During and Post competition Requirements</i></li> <li>• <b>Chapter End Test &amp; Discussion</b></li> <li>• <b>Test &amp; Measurement in Sports</b></li> <li>• <i>Fitness Test - SAI Khelo India Fitness Test in school:</i></li> <li>• <i>Age group 5-8 years/class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test</i></li> <li>• <i>Age group 9-18yrs/class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit &amp; Reach flexibility test, Strength Test (Partial Abdominal Curl Up, Push-Ups for boys, Modified Push-Ups for girls).</i></li> <li>• <i>Measurement of Cardio-Vascular Fitness</i></li> <li>• <i>Harvard Step Test - Duration of the Exercise in Seconds x 100/5.5 X Pulse count of 1-1.5 Min after</i></li> </ul>	16	<ul style="list-style-type: none"> <li>• Basketball Match Practice.</li> </ul>

			<p>Exercise.</p> <ul style="list-style-type: none"> <li>• Computing Basal Metabolic Rate (BMR)</li> <li>• Rikli &amp; Jones - Senior Citizen Fitness Test</li> <li>• Chair Stand Test for lower body strength</li> <li>• Arm Curl Test for upper body strength</li> <li>• Chair Sit &amp; Reach Test for lower body flexibility</li> <li>• Back Scratch Test for upper body flexibility</li> <li>• Eight Foot Up &amp; Go Test for agility</li> <li>• Six-Minute Walk Test for Aerobic Endurance</li> <li>• Johnsen - Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping full-turn)</li> <li>• <b>Chapter End Test</b></li> </ul>		
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>• <b>Physiology &amp; injuries in sports</b></li> <li>• Physiological factors determining components of physical fitness</li> <li>• Effect of exercise on the Muscular System</li> <li>• Effect of exercise on the Cardio-Respiratory System</li> <li>• Physiological changes due to aging</li> <li>• Sports injuries: Classification (Soft Tissue Injuries - Abrasion, Contusion, Laceration, Incision, Sprain &amp; Strain; Bone &amp; Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique &amp; Impacted)</li> <li>• <b>Chapter End Test &amp; Discussion</b></li> <li>• <b>Biomechanics &amp; Sports</b></li> <li>• Newton's Law of Motion &amp; its application in sports</li> <li>• Types of Levers and their application in Sports</li> <li>• Equilibrium - Dynamic &amp; Static and Centre of Gravity and its application in sports</li> <li>• Friction &amp; Sports</li> <li>• Projectile in Sports</li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>	18	<ul style="list-style-type: none"> <li>• Yoga related activities</li> </ul>
TERM-II					
October	13		<ul style="list-style-type: none"> <li>• <b>Psychology &amp; Sports</b></li> <li>• Personality; its definition &amp; types (Jung Classification &amp; Big Five Theory)</li> </ul>	10	<ul style="list-style-type: none"> <li>• Fitness/Drills</li> </ul>
November	23	Periodic Test-II	<ul style="list-style-type: none"> <li>• <b>Psychology &amp; Sports</b></li> <li>• Motivation, its type &amp; techniques</li> <li>• Exercise Adherence: Reasons, Benefits &amp; Strategies for Enhancing it</li> <li>• Meaning, Concept &amp; Types of Aggressions in Sports</li> <li>• Psychological Attributes in Sports - Self-Esteem, Mental Imagery, Self-Talk, Goal Setting</li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>	20	<ul style="list-style-type: none"> <li>• Basketball Skills</li> </ul>

			<ul style="list-style-type: none"> <li>• <b>Training in sports</b></li> <li>• <i>Concept of Talent Identification and Talent Development in Sports</i></li> <li>• <i>Introduction to Sports Training Cycle - Micro, Meso, Macro Cycle</i></li> <li>• <i>Types &amp; Methods to Develop - Strength, Endurance, and Speed</i></li> <li>• <i>Types &amp; Methods to Develop - Flexibility and Coordinative Ability</i></li> <li>• <i>Circuit Training - Introduction &amp; its importance</i></li> <li>• <b>Chapter End Test &amp; Discussion</b></li> </ul>		
December	22	Pre-Board-I	• <b>Revision</b>	08	• Board Practical Test
January	22	Pre-Board-II	• <b>Revision</b>	15	
February	22		• <b>Practical's &amp; Board Exam Feedback Sessions</b>	15	
March	20			10	• Fitness/Drills

**Subject : Hindustani Vocal Music (034)**

**Text Book : Sangeet Anand (Visual Publication)**

Months	Number of Working Days	Name of the Examination	Chapters	Tentative No. of Period Required	Activities Proposed
<b>TERM-I</b>					
April	23		<ul style="list-style-type: none"> <li>• Brief study of Alankar, Kan, Meend, Murki, Gamak</li> <li>• Brief study of Gram, Murchhana, Alaap, Tana</li> </ul>	12	<ul style="list-style-type: none"> <li>• Voice test in the basis of Alankar with the help of Harmonium</li> </ul>
May	12		<ul style="list-style-type: none"> <li>• Historical development of time theory of Ragas.</li> <li>• One Vilambit Kheyal</li> </ul>	06	<ul style="list-style-type: none"> <li>• Practice Vilambit Kheyal of Raga Bhairav with Harmonium</li> </ul>
June	13	<b>Periodic Test-I</b>	<ul style="list-style-type: none"> <li>• Detail study of Sangeet Ratnakar</li> <li>• One Drut Kheyal of any prescribed ragas. (Bhairav, Bageshri, Malkauns)</li> </ul>	06	<ul style="list-style-type: none"> <li>• Practice Drut Kheyal of Raga Bhairav with Harmonium and Tabla</li> </ul>
July	25		<ul style="list-style-type: none"> <li>• Detail study of Sangeet Parijat</li> <li>• One Tarana of any prescribed ragas. (Bhairav, Bageshri, Malkauns)</li> </ul>	12	<ul style="list-style-type: none"> <li>• Practice Tarana of Raga Bhairav with Harmonium and Tabla</li> </ul>
August	23		<ul style="list-style-type: none"> <li>• Life Sketch of Faiyaz Khan.</li> <li>• One Dhamar with Dugun and Chaugun of any prescribed ragas. (Bhairav, Bageshri, Malkauns)</li> </ul>	12	<ul style="list-style-type: none"> <li>• Practice Dhamar of Raga Bhairav with Harmonium</li> </ul>
September	21		<ul style="list-style-type: none"> <li>• Life sketch of Bade Gulam Ali Khan</li> <li>• Raga – Bageshri (Tana &amp; Alap)</li> </ul>	09	<ul style="list-style-type: none"> <li>• Practice Raga Bageshri and Malkauns with Harmonium</li> </ul>
<b>TERM-II</b>					

October	13	Periodic Test-II	<ul style="list-style-type: none"> <li>Raga – Malkauns (Tana &amp; Alap)</li> <li>Life sketch of Krishna Rao Shankar Pandit</li> </ul>	06	<ul style="list-style-type: none"> <li>Recitation of Jhaaptala with tabla and hand beats</li> </ul>
November	23	Pre-Board-I	<ul style="list-style-type: none"> <li>Recitation of the Theka of Jhaap Tala</li> <li>Description of following talas (Jhaaptala, Tala – Rupak, Tala – Dhamar)</li> <li>Ability to Recognize the prescribed ragas.</li> </ul>	12	<ul style="list-style-type: none"> <li>Recitation of Jhaaptala, Tala – Rupak &amp; Tala –Dhamar with hand beats.</li> </ul>
December	22	Pre-Board-II	<ul style="list-style-type: none"> <li>Written Practical, Project file Preparation</li> <li>Tuning of Tanpura</li> <li>Full Course Revision</li> </ul>	09	<ul style="list-style-type: none"> <li>Tuning of Tanpura.</li> </ul>
January	22		<ul style="list-style-type: none"> <li>Full Course Revision</li> </ul>	09	<ul style="list-style-type: none"> <li></li> </ul>
February	22		<ul style="list-style-type: none"> <li>Board Exam</li> </ul>	09	<ul style="list-style-type: none"> <li></li> </ul>

Subject: Yoga (841)

Prescribed Book: - Yoga Class XII (Central Board of Secondary Education)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
TERM-I					
April	23		<ul style="list-style-type: none"> <li><u>Unit-I</u></li> <li>Introduction to yoga and yogic practices II</li> <li>Shatkarma Meaning, Purpose and their Significance in Yoga Sadhana</li> <li>Meaning of Shatkarma, Purpose and significance</li> <li>Introduction of six cleansing process with their benefits and precaution.</li> <li>Introduction to yogasana: Meaning, Principles and their health benefits.</li> </ul>	15	<ul style="list-style-type: none"> <li>Practical demonstration of Asana practiced in class XIth.</li> </ul>
May	12		<ul style="list-style-type: none"> <li><u>Unit-I</u></li> <li>Introduction to yoga and yogic practices II:</li> <li>Introduction of Pranayama and Dhyana and their health benefits.</li> <li><u>Unit-II</u></li> <li>Introduction to yoga text II:</li> <li>Concept of Ahara according to yogic text.</li> <li>(Employability Skills)Unit- I (Communication Skills)</li> <li>Describe the Steps to Active listening</li> </ul>	6	<ul style="list-style-type: none"> <li>Project file</li> <li>Practice of Tadasana.</li> <li>Practice of ArdhaChakrasana.</li> <li>Practice of Katichakrasana</li> <li>End of topic test</li> </ul>
June	13	Periodic Test-I	<ul style="list-style-type: none"> <li><u>Unit- II</u></li> <li>Introduction to yoga text II</li> </ul>	12	<ul style="list-style-type: none"> <li>International Yoga Day.</li> </ul>

			<ul style="list-style-type: none"> <li>• Three classification of Ahara According to Shrimadbhagvadgita.</li> <li>• Plan of Yogic Diet(Mitahara)</li> <li>• Significance of yoga practices in health promotion.</li> <li>• Concept of mental health well-being according to Patanjali yoga</li> <li>• Unit- I (Communication Skills) Demonstrate basic writing skills</li> </ul>		
July	25		<ul style="list-style-type: none"> <li>• Steps of promoting mental modification of health (Kriya Yoga)</li> <li>• Yoga practices of patanjali yoga.</li> <li>• Concept of healthy living in Bhagwadgita.</li> <li>• Yoga means Equanimity</li> <li>• Importance of Subjective experience in daily yoga practices.</li> <li>• Physical Health, mental Health.</li> <li>• Social health and Spiritual health</li> <li>• Unit- II (Self Management Skills)</li> <li>• Describer the various factors influencing</li> <li>• Unit-II (Self Management skills)</li> <li>• Describer the Personality Traits, Types and Disorders</li> </ul>	16	<ul style="list-style-type: none"> <li>• Practice of Dandasana.</li> <li>• Project file submission</li> <li>• Practice of Bhadrasana.</li> <li>• Practice of Padamasana.</li> <li>• Practice of Vajrasana</li> <li>• End of topic test</li> </ul>
August	23		<ul style="list-style-type: none"> <li>• <b>Unit-III</b></li> <li>• <b>Yoga for Health promotion:</b></li> <li>• Introduction to First- Aid and CPR.</li> <li>• Yogic management of stress and its consequences</li> <li>• Concept of stress.</li> <li>• Cause of stress</li> <li>• Sign and symptoms of stress.</li> <li>• Effect of stress.</li> <li>• Yogic management of stress.</li> <li>• Unit -III( ICT Skills)</li> <li>• Perform Tabulation Using spreadsheet application</li> <li>• Perform Tabulation Using spreadsheet application</li> </ul>	15	<ul style="list-style-type: none"> <li>• Project file submission.</li> </ul>
September	21	Mid-Term Examination	<ul style="list-style-type: none"> <li>• Yoga and diet.</li> <li>• Yoga in prevention of common disease.</li> <li>• Obesity</li> <li>• Hypertension</li> <li>• Unit- IV(Entrepreneurial Skills)</li> </ul>		<ul style="list-style-type: none"> <li>• Practice of Makrasana.</li> <li>• Practice of Uttanpadasana.</li> <li>• Practice of Setubandhasana</li> <li>• Inter House Yoga Competition</li> </ul>



			<ul style="list-style-type: none"> <li>Identify the General and Entrepreneurial behavioral competency</li> <li>Demonstrate the knowledge of self assessment of behavioral competency</li> </ul>		
<b>TERM-II</b>					
<b>October</b>	<b>13</b>		<ul style="list-style-type: none"> <li>Lower back pain,</li> <li>Bronchial Asthma,</li> <li>Arthritis.</li> <li>Yoga and personality developments</li> <li>Unit-V (Green Skills)</li> <li>Identify the role and importance of green jobs in different sectors.</li> </ul>	<b>6</b>	<ul style="list-style-type: none"> <li>Practice of Vipritkarniasana.</li> <li>Practice of Saralmatsyasana.</li> <li>End of topic test</li> </ul>
<b>November</b>	<b>23</b>	<b>Periodic Test-II</b>	<ul style="list-style-type: none"> <li><b>Revision</b></li> </ul>	<b>10</b>	<ul style="list-style-type: none"> <li>Practice of Shavasana.</li> <li>Repitition of Pranayam of class XI.</li> </ul>
<b>December</b>	<b>22</b>	<b>Pre-Board-I</b>	<ul style="list-style-type: none"> <li><b>Revision</b></li> </ul>	<b>12</b>	<ul style="list-style-type: none"> <li>Practice of Jalandhar and UddayanBandh.</li> <li>Repitition of Mudras of class XI.</li> </ul>
<b>January</b>	<b>22</b>	<b>Pre-Board-II</b>	<ul style="list-style-type: none"> <li><b>Revision</b></li> </ul>	<b>15</b>	<ul style="list-style-type: none"> <li>Practice of breath Meditation and OM Dhyan.</li> </ul>
<b>February</b>	<b>22</b>		<ul style="list-style-type: none"> <li><b>Revision</b></li> </ul>		

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