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: 2024-25

Subject : English Core (301)
Prescribed Book :-   1. Flamingo (National Council of Educational Research and Training)
   2. Vistas (National Council of Educational Research and Training)

Month	No. of Working Days	Examination (As per the School Policy)	Chapters/Topics	Tentative No. of Periods Required	Activities Proposed
April	23		• The Last Lesson (Flamingo) • Lost Spring (Flamingo) • The Third Level (Vistas) • Keeping Quiet (Flamingo) • The Tiger King (Vistas) • End of the Topic Test	4 4 4 4 4 3	• Brainstorming • Extempore
May	12		• My Mother at Sixty-Six (Flamingo) • Notice • Formal Letter • End of the Topic Test	3 3 3 2	• Group Discussion • Assigning Project
June	13		• Deep Water (Flamingo) • Journey to the End of the Earth(Vistas) • End of the Topic Test	4 4 3	• Debate
July	25	Periodic Test-I	• The Rattrap (Flamingo) • The Enemy (Vistas) • A Thing of Beauty (Flamingo) • Invitation • Article Writing • End of the Topic Test	6 7 3 3 2 2	• Extempore • ASL-1
August	23		• Indigo (Flamingo) • On the Face of It (Vistas) • A Roadside Stand (Flamingo) • End of the Topic Test	5 5 2 1	• Role Play
September	21	Mid-Term Examination	• Aunt Jennifer's Tigers (Flamingo) • Poets and Pancakes (Flamingo) • The Interview (Flamingo) • Going Places (Flamingo) • End of the Topic Test	2 5 4 5 2	• Mock Interview • ASL-2
October	20	Periodic Test-II	• Report Writing	3	• Panel Discussion

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
			• Memories of Childhood (Vistas)	4	
			• Revision		
November	**16**		• Revision		
December	**23**	**Pre-Board Examination**	• Revision		
January	**23**		• Revision		
February	**21**		• Revision		

विषय : हिंदी (302)
निर्धारित पुस्तकें –
   1. आरोह भाग –2 (NCERT)
   2. वितान भाग –2 (NCERT)
   3. अभिव्यक्ति और माध्यम (NCERT)

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
अप्रैल	23		आरोह गद्य खंड:– 1. भक्तिन 2. बाज़ार दर्शन आरोह काव्य खंड :– (क) आत्मपरिचय (ख) एक गीत कक्षा–जाँच	04 04 02 02 03	• हाथ से बनी किसी वस्तु की बिक्री के लिए विज्ञापन बनाना।
मई	12		वितान: सिल्वर वैडिंग कक्षा–जाँच	06 01	•
जून	13		आरोह काव्य खंड: – पतंग अभिव्यक्ति और माध्यम विभिन्न माध्यमों के लिए लेखन पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया कक्षा–जाँच	02 03 03 03	• 'विद्यालय के वार्षिकोत्सव' पर प्रतिवेदन तैयार करना।

माह	कार्य दिवस	परीक्षा	पाठ्यक्रम	अवधि	परियोजना कार्य
जुलाई	25	**Periodic Test-I**	आरोह काव्य खंडः– (क) कविता के बहाने (ख) बात सीधी थी पर आरोह गद्य खंड काले मेघा पानी दे वितान : जूझ अभिव्यक्ति और माध्यमः कहानी का नाट्य रूपांतरण कक्षा–जाँच	 02 02 03 05 02 04	• 'भक्तिन' कहानी का नाट्य रूपांतरण करना।
अगस्त	23	**Mid-Term Examination**	आरोह गद्य खंडः पहलवान की ढोलक शिरीष के फूल आरोह काव्य खंडः– कैमरे में बंद अपाहिज वितानः अतीत में दबे पाँव कक्षा–जाँच	 03 03 02 05 03	• 'भारतीय लोक कला' पर एक परियोजना तैयार करना।
सितम्बर	21		आरोह काव्य खंड : उषा कवितावली (उत्तर कांड से) लक्ष्मण मूर्छा और राम का विलाप अभिव्यक्ति और माध्यमः नये और अप्रत्याशित विषयों पर लेखन कक्षा–जाँच	 02 03 03 03 03	• किसी एक अपाहिज व्यक्ति का काल्पनिक साक्षात्कार कक्षा में प्रस्तुत करना।
अक्टूबर	20	**Periodic Test-II**	आरोह गद्य खंडः– श्रम–विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज आरोह काव्य खंडः रूबाइयाँ छोटा मेरा खेत बगुलों के पंख अभिव्यक्ति और माध्यमः	 02 02 02 02 02	• 'शिरीष के फूल के उपयोग' पर आधारित एक परियोजना तैयार करना।

			विशेष लेखनः स्वरूप और प्रकार	02	
			कक्षा–जाँच	04	
नवम्बर	16		पुनरावृत्ति		• 'जाति–प्रथा' के आधार पर श्रम विभाजन' विषय पर वाद–विवाद कराना ।
दिसम्बर	23	Pre-Board Examination	पुनरावृत्ति		
जनवरी	23		पुनरावृत्ति		
फरवरी	21		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 /Unit (Entire Book to be Covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• CH-3 Matrices • CH-4 Determinants • CH-1 Relation and Functions • *End of the Topic Test*	08 08 06 01	• To verify that the relation R in the set L of all lines in a plane, defined by R = {(l, m) : l ⊥ m} is symmetric but neither reflexive nor transitive.
May	12		• CH-2 Inverse Trigonometric Functions • CH-5 Continuity and Differentiability • End of the Topic Test	05 04	• To explore the principal value of the function $\sin^{-1} x$ using a unit circle.
June	13		• **Revision**	03	
July	25	**Periodic Test-I**	• CH-5 Continuity and Differentiability (cont…) • CH-6 Application of Derivatives • *End of the Topic Test*	12 11 02	• To understand the concepts of decreasing and increasing functions. • To verify that amongst all the rectangles of the same perimeter, the square has the maximum area.
August	23	**Mid-Term Examination**	• CH-7 Integrals • **Revision**	08 15	
September	21		• CH-7 Integrals (cont…) • CH-8 Application of integrals • CH-9 Differential Equations • *End of the Topic Test*	05 07 08 01	
October	20	**Periodic Test-II**	• CH-10 Vector Algebra • CH-11 Three Dimensional Geometry • *End of the Topic Test*	09 09 01	

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
November	16		• CH-12 Linear Programming • CH-13 Probability • *End of the Topic Test*	07 07 02	• To explain the computation of the conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.
December	23	Pre-Board Examination	• **Revision**		
January	23		• **Revision**		
February	21		• **Revision**		

Subject : Physics (042)
Prescribed Book :- (1) NCERT,
(2) S.L. ARORA
(3) Comprehensive Lab Manual by Laxmi Publication.

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
April	23		• Electric Charges and Fields • Electrostatic Potential and Capacitance	12 14	
May	12		• Current Electricity	18	• **SEC. A [EXPERIMENT]** • To determine resistivity of two / three wires by plotting a graph for potential difference versus current. • To find resistance of a given wire / standard resistor using metre bridge.
June	13		• Moving charge and magnetism • Magnetism & matter	15 10	• To verify the laws of combination (series) of resistances using a metre bridge & To verify the laws of combination (parallel) of resistances using a metre bridge.
July	25	**Periodic Test-I**	• Electromagnetic induction • Alternating Current	12 12	• To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.
August	23	**Mid-Term Examination**	• Electromagnetic wave • Ray Optics and Optical Instruments	04 22	• **SEC. B [EXPERIMENT]** • To find the value of v for different values of u in case of a concave mirror and to find the focal length. • To find the focal length of a convex mirror,

					using a convex lens.
September	21		• Wave Optics • Dual Nature of Radiation and Matter • Nuclei	08 08 07	• To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v. • To find the focal length of a concave lens, using a convex lens.
October	20	**Periodic Test-II**	• Atoms • Semiconductor Electronics: Materials, Devices and Simple Circuits	08 10	• To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. • To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.
November	16		• Revision	16	• **ACTIVITES (Sec. B)** • To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. • Use of multimeter to see the unidirectional 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. • To study effect of intensity of light (by varying distance of the source) on an LDR.
December	23	**Pre-Board Examination**	• Revision	10	• **ACTIVITES (Sec. A)** • To measure the resistance and impedance of an inductor with or without iron core. • To measure resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter. • To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source
January + February	21 + 16		• Revision	22	

Subject : Chemistry (043)
Prescribed Book :-   1.   NCERT Text Book
                         2.   Comprehensive Lab Manual (Laxmi Publication)

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit Contents	Tentative No. of Periods	Activities &Projects
April	23		• Solutions • Electrochemistry • End of Topic Tests	10 11 02	• Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of: i) Oxalic acid, ii) Ferrous Ammonium Sulphate
May	12		• Electrochemistry (cont…) • Chemical Kinetics • End of Topic Test	05 06 01	• Qualitative analysis Determination of one cation and one anion in a given salt.
June	13		• Chemical Kinetics (cont…) • End of Topic Test	10 01	• Qualitative analysis Determination of one cation and one anion in a given salt.
July	25	**Periodic Test-I**	• d -and f -Block Elements • Coordination Compounds • End of Topic Test	11 11 02	• Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups.
August	23	**Mid-Term Examination**	• Haloalkanes and Haloarenes • Alcohols, Phenols and Ethers	13 10	
September	21		• Alcohols, Phenols and Ethers (cont.) • Aldehydes, ketones & Carboxylic Acids • End of Topic test	05 16 02	
October	20	**Periodic Test-II**	• Amines • Biomolecules • End of Topic Test	10 07 01	
November	16		• Question Bank	17	
December	23	**Pre-Board Examination**	•		
January	23				
February	21				

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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 /Unit (Entire Book to be Covered)	Tentative No. of Periods Required	Activities Proposed
April	**23**		• Chapter:2 Sexual Reproduction in Flowering Plants. • Chapter:3 Human Reproduction • Chapter:4 Reproductive Health	08 10 05	• *Prepare a temporary mount to observe pollen germination. (Experiment)* • *Flowers adapted to pollination by different agencies (wind, insects, birds).* • *Pollen germination on stigma through a permanent slide or scanning electron micrograph.* • *Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).*
May	**12**		• Chapter:5 Principles of Inheritance • and Variation	11	• *T.S. of blastula through permanent slides (Mammalian).* • *Meiosis in onion bud cell or grasshopper testis through permanent slides.*
June	**13**		• Chapter:2 Sexual Reproduction in Flowering Plants (TEST) • Chapter:3 Human Reproduction (TEST) • Chapter:4 Reproductive Health (TEST) • Chapter:5 Principles of Inheritance and Variation (TEST) • Chapter:6 Molecular Basis of Inheritance (Cont.)	01 01 01 01 07	• *Mendelian inheritance using seeds of different colour/sizes of any plant.*
July	**25**	**Periodic Test-I**	• Chapter:6 Molecular Basis of Inheritance • Chapter:7 Evolution • Chapter:8 Human Health and Diseases • Chapter:10 Microbes in Human Welfare	07 05 06 05	• *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.* • *Controlled pollination - emasculation, tagging and bagging. 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.*
August	**23**	**Mid-Term Examination**	• Chapter:5 Principles of Inheritance • and Variation (TEST) • Chapter:6 Molecular Basis of Inheritance (TEST) • Chapter:7 Evolution (TEST) • Chapter:8 Human Health and Diseases (TEST) • Chapter:10 Microbes in Human Welfare (TEST) • Chapter:11 Biotechnology - Principles and Processes (Cont.)	02 02 01 01 01 06	• *Flash cards models showing examples of homologous and analogous organs.*
September	**21**		• Chapter:11 Biotechnology - Principles and Processes • Chapter:12 Biotechnology and its Applications	03 07 08	• *Study the plant population density by quadrat method. (Experiment)* • *Study the plant population frequency by quadrat method. (Experiment)* • *Prepare a temporary mount of onion root tip to study mitosis.*

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit	Tentative No. of Periods Required	Activities Proposed
			• Chapter:13 Organisms and Populations		*(Experiment)*
October	20	Periodic Test-II	• Chapter:10 Microbes in Human Welfare (TEST) • Chapter:11 Biotechnology - Principles and Processes (TEST) • Chapter:12 Biotechnology and its Applications (TEST) • Chapter:13 Organisms and Populations • (TEST) • Chapter:14 Ecosystem • Chapter:15 Biodiversity and its Conservation	01 01 01 01 08 05	• *Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc. (Experiment)* • *Models specimen showing symbolic association in root modules of leguminous plants, Cuscuta on host, lichens.*
November	16		• Unit VI - Reproduction (Revision & PYQ Practice) • Unit VII - Genetics and Evolution (Revision & PYQ Practice) • Unit – VIII - Biology and Human Welfare (Revision & PYQ Practice) • Unit – IX - Biotechnology and its Applications (Revision & PYQ Practice) • Unit – X - Ecology and Environment (Revision & PYQ Practice)	03 05 03 03 02	
December	23	Pre-Board Examination	• Class tests & Revision		
January	23		• Class tests & Revision		
February	21				

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/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• Bricks, beads and bones. • Kings, farmers and Towns.	20	• The students will prepare replica of Harappan Beads and Motifs. • Also to find out • Why Harappan Script is not deciphered yet. • Controversy surrounding The Indus Valley Civiliation. • History of Patliputra as narrated by XuanZang.

Month			Topic	Periods	Activities
May	**12**		• Kinship, Caste and Class	08	• Students will collect evidences related to paddy transplantation in the Ganga Valley region. • Students will find out retellings of the Mahabharata in other languages.
June	**13**		• Thinkers, beliefs and buildings	15	• Students will collect ant five pictures of sculptures belonging to different periods. They will then remove the captions and show each one to twopersons and ask them to compare what they see. The students will then prepare a report on their findings.
July	**25**	**Periodic Test-I**	• Through the eyes of travelers. • Bhakti-Sufi traditions. • An imperial capital – Vijaynagara	24	• 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. • Students will find out the practices of pilgrimage associated with the shrines mentioned in this chapter. Their finds will include- • Are these pilgrimages still undertaken? • When are these shrines visited? • Who visits these shrines? • What are the activities associated with these pilgrimages?
August	**23**	**Mid-Term Examination**	• 8. An imperial capital – Vijaynagara • 9. Peasants, Zamindars and the State.	23	• The students will be taken to a historical place (If school allows) such as Mahabodhi temple. They will describe the structures that they observe. • They will then compare these features with those of the Virupaksha temple and prepare a report on it. • Students will do the internet surfing on the site- http://persian.packhum.org and after reading it carefully prepare a report on how it can be used by a historian
September	**21**		• 10. Colonialism and the Countryside. • 11. Rebels and the Raj.	23	• 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. • The students will be asked to see a movie made on 1857 revolt and then they will be required to find

Months	No. of Working Days	Name of the Examination (Tentative)	Chapters/Unit	Tentative No. of Periods Required	Activities Proposed
					• out the answer to the following questions- • How does it depict the British. • What does it say about peasants, city dwellers, tribals, zamindars and taluqdars? • What kind of response does the film seek to evoke.
October	20	Periodic Test-II	• 13. Mahatma Gandhi and the National Movement.	20	• 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. • In the context of Dandi march, the students will plot the line of the march on the map of Gujarat.
November	16		• 14. Framing the Constitution. •	16	• 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 Constitution.
December	23	Pre-Board Examination	• Revision		• Revision
January	23		• Revision		• Revision
February	21		• Revision		• Revision
March	16		• Revision		• Revision

Subject: Geography (029)
Prescribed Books; 1.   Fundamentals of Human Geography, NCERT
                           2.   India- People and Economy, NCERT
                           3.   Practical work in Geography- Part II, NCERT

Months	No. of Working Days	Name of the Examination (Tentative)	Chapters/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• **PART A – FUNDAMENTALS OF HUMAN GEOGRAPHY** • CH 1- Human geography • CH 2- The World Population Distribution, Density and Growth • CH 3- Human development • CH 4- Primary activities • CH 5- Secondary activities • CH 6- Tertiary and Quaternary activities	23	• Poster making- Geographers and their field of study • Group discussion: Human development
May	12		• CH 7- Transport and Communication • CH 8- International Trade	11	• Debate: "Service sector is future" • Discussion: Primary activities and India

Month		Exam	Topic		Activity
June	13		• **Practical :** CH 1- Data: its source and compilation • **Practical :**CH 2- Data processing	11	• Practical record
July	25	**Periodic Test-I**	• **PART B- INDIA PEOPLE AND ECONOMY** • CH 1- Population : Distribution, Density, Growth and Composition • CH 2- Human settlement • CH 3- Land resources and agriculture • CH 4- Water resources	23	• Report on "Settlement in India." • Map demarcation: India Population density • Discussion on water scarcity
August	23	**Mid-Term Examination**	• CH 5- Minerals and energy resources	13	• Map demarcation: India: Mineral distribution
September	21	**Periodic Test-II**	• CH 6- Planning and sustainable development in Indian context • CH 7- Transport and communication • CH 8- International trade • CH 9- Geographical perspective on selected issues and problems	18	• Prepare a note on the importance of sustainable planning in India. • Case study analysis- Jhabua • Map demarcation: Transcontinental routes
October	20		• **Practical:** CH 3 Graphical representation of Data • **Practical:** CH 4- Spatial Information Technology	17	• Practical record
November	16		• Revision		•
December	23	**Pre-Board Examination**	• Revision		•
January	23		• Revision		•
February	21		• Revision		•
March	16		• Revision		•

Subject: Economics-(030)
Prescribed Book: -   1. PART-A: Introductory Macroeconomics - NCERT
                          2. PART-B: Indian Economic Development- NCERT

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
April	23		**Part A: Macroeconomics** Unit 1: National Income and Related Aggregates End of Topic Test	18 02	• Model preparation in class of circular flow of income in different sectors. • Collection and identification of various types of goods in class in terms of consumer and capital goods.
May	12		**Part A: Macroeconomics** Unit 2: Money and Banking End of Topic Test	10 01	• Visit commercial banksin the localregion. • Collection of data from the bank and advisory reports of RBI. • An analytical assessment of problems and prospects of the Indian Banking System. • Collection of the photocopy of dummy FD papers, interest rates chart.
June	13		**Part A: Macroeconomics** Unit 3: Determination of Income and Employment End of Topic Test	14	• Project work on 'Working of Multiplier' in class with the help of imaginary data of autonomous investment done by the economy in the currentfiscal year.
July	25	Periodic Test-I	**Part A: Macroeconomics** Unit 3: Determination of Income and Employment End of Topic Test **Part B: Indian Economic Development** Unit 6: Development Experience (1947-90) and Economic Reforms since 1991: End of Topic Test	10 04 08 02	• Diagram analysis on the derivation of 'C' from 'S' function in case of BEP. • 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. • Case study on IPR acts 1956 with their implementation and drawback. • Discussion on Challenges in achieving food security in India.
August	23		**Part A: Macroeconomics** Unit 4: Government Budget and the Economy, End of Topic Test	10 02	• Students will collect the various bills from mall, restaurant, online shopping etc. to identify the GST (indirect tax) in total amount. • Prepare the list of schemes provided by the

Month			Syllabus		Activities
		Mid-Term Examination	Unit 5: Balance of Payments End of Topic Test	10 01	post office for public saving such as NSC, MIS and TD etc. • Case study on current year budget and research work on FRBM policy. • Prepare the dummy currency (Japanese Yen, US dollar) by the students in class and exchange in the class with other students.
September	21		**Part B: Indian Economic Development** Unit 7: Current challenges facing Indian Economy Human Capital Formation End of Topic Test Rural Development End of Topic Test	07 02 10 02	• Making a list of various regulated markets and cooperative markets in Gaya. • Prepare a report on Kyoto and Montreal protocol to save the environment. • Chart paper work on world economic forum 2023.
October	20	**Periodic Test-II**	**Part B: Indian Economic Development** Employment, Sustainable Economic Development End of Topic Test Unit 8: Development Experience of India: End of Topic Test	05 02 10 02	• Case study to Identify and be able to comprehend the reforms in India, Pakistan and China. • Report writing on various dimensions of India's investment plans and foreign Policy and compare with its neighbors (Pakistan and China) to understand the needs of further reforms. • Divide the class into two parts: primary sector and manufacturing sector. For performing Class role play on dual pricing and SEZ policy.
November	16		Revision for entire syllabus	15	• CBSE sample paper practice • Discussion and practice on old question papers of CBSE.
December	23	**Pre-Board Examination**	**Revision**		• Revision
January	23		**Revision**		• Revision
February	21		**Revision**		•

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/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• Book 1- Contemporary World Politics • Ch1-The End of Bipolarity • Ch2- New Centres of Power	23	• Prepare a timeline of Key Events during Bipolar Cold War Era • Prepare a Mind Map of Arms Control Treaties • Map Pointing Activity regarding Non Aligned Movement • Timeline of End of Soviet Disintegration and Unipolar US Hegemony Era with List of Key Soviet Leaders and their Policies • Mind Map on Major UN Agencies like Security Council
May	12		• Ch3-Contemporary South Asia • Ch4- International Organisations	10	• Mind Map on the following concepts- • a-Role of Sardar Patel as former Home Minister of Indian Republic • b-Integration of Princely states like Hyderabad, Kashmir and Junagarhetc
June	13		• Ch5-Security in the Contemporary World • Ch6-Environment and Natural Resources	12	• Mind Map on role played by former Planning Commission, NITI Aayog, Five Year Plans, Controversies of government planning process • Mind Map on Key Determinants of India's Foreign Policy like Panchsheel Pact, Act East Policy, Nuclear Policy of India etc
July	25	**Periodic Test-I**	• Ch7-Globalisation	26	• Mind Map on results of India's Foreign Policy
August	23	**Mid-Term Examination**	• Book 2- Politics in India since Independence • Ch.8-Challenges of Nation Building • Ch.9-Era of One Party Dominance • Ch.10 Politics of Planned Development	25	• Mind Map on New Centers of Power-SAARC, ASEAN, European Union and China • Mind Map on Indias relations with her neighbouring nations-Bangladesh,SriLanka,Nepal,Pakistan,Bhutan,Afghanistan,Maldivesetc • Mind Map on Contemporary Politics over Globalisation like-Types of Globalisation, India's experience with Globalisation-Past-Post 1947 and today
September	21		• Ch.11-Indias Foreign Policy • Ch.12-Challenges to and Restoration of Congress System • Ch.13-The Crisis of Democratic Order	24	• Mind map on Congress System, Ideologies of Non Congress political parties like Bharatiya Jana Sangh, CPI, Swatantra Party,Socialist Party etc • Mind Map on Academic and Political contribution of Pandit Deen Dayal Upadhyay, JPNarayan, Ram Manohar Lohia • Mind Map on Phases of Democratic Upsurges in India and its characteristics

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit	Tentative No. of Periods Required	Activities Proposed
October	20	Periodic Test-II	• Ch 14-Regional Aspirations	20	•
November	16		• Ch 15-Recent Developments in Indian Politics • Revision	15	•
December	23	Pre-Board Examination	• Revision	15	•
January	23		• Revision	----	•
February	21		• Revision	----	• Analytical Revision

• Mind Map on Recent Developments in Indian Politics since 1989-Coalition govts, Rise of BJP and Right Wing, OBC as a Voting bloc, New Economic Policy of Indian Govt since 1991 etc.

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/Unit (Entire Book to be covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• Fundamental of Accounting for Partnership Firm • Goodwill Nature and Valuation	30	• Partnership Act 1932 relevant Provisions
May	12		• Changes in Profit and Loss Sharing Ratio • Accounting for admission of Partnership	15	• Partnership Firm Registration Process
June	13		• Accounting for admission of Partnership	15	• Admission of a partner in a partnership firm Process
July	25	Periodic Test-I	• Accounting for retirement/death of Partnership	30	• Retirement and Death of a partner in a partnership firm Process
August	23	Mid-Term Examination	• Accounting for dissolution of Partnership • Accounting for issue of share	25	• Dissolution Process

Months	No. of Working Days	Name of the Examination	Chapters/Unit	Tentative No. of Periods Required	Activities Proposed
September	21		• Accounting for issue of share	25	• Reliance Industries Financial Statement Discussion
October	20	Periodic Test-II	• Accounting for issue of Debenture • Financial Statement of Companies • Ratio Analysis of Financial Statements	25	• Reliance Industries Financial Statement Discussion
November	16		• Ratio Analysis of Financial Statements • Statement of Cash Flow	25	• Accounting Standard 3
December	23	Pre-Board Examination	• Written Practical, Project file Preparation • Full Course Revision		
January	23		• Full Course Revision		
February	21		• **Board Exam**		

Subject : Business Studies (054)
Prescribed Book :- 1. NCERT

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
April	23		• CH 9: Financial Management • CH 10: Financial Market	10 13	• Live demonstration on online trading • Field visit to Stock Exchange
May	12		• CH 11: Marketing Management	11	• --
June	13		• CH 11: Marketing Management • CH 12: Consumer Protection	03 08	• Preparation of Board Practical file
July	25	Periodic Test-I	• CH 1: Nature and Significance of Management • CH 2: Principles of Management	12 11	• Group Discussions • Field Survey of various Companies to know applicability of principle of management. • Preparation of Board Practical file
August	23	Mid-Term Examination	• CH 3: Business Environment • CH 4: Planning	05 08	• Group Discussions • News Paper reading
September	21		• CH 5: Organising • CH 6: Staffing	15 03	• Field visit to know organisational structure
October	20	Periodic Test-II	• CH 6: Staffing • CH 7: Directing • CH 8: Controlling	04 08 06	• Role play as HR • Quiz and Assignment • Chart Presentation on Maslow Need Hierarchy theory

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
November	16		• Revision		• Quiz and Assignment
December	23	**Pre-Board Examination**	• Revision		• Quiz and Assignment
January	23		• Revision		• Quiz and Assignment
February	21		• Revision		• Quiz and Assignment

Subject : Fine Arts (049)
Prescribed Book :-   1.   Panoramic Indian Painting
                          2.   Introduction to Indian Art.

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
April	23		• The Rajasthan School of Miniature Painting. Origin and Development, Features of Rajasthani paintings, Appreciation of Rajasthani paintings + Practical.		
May	12		• The Pahari School of Miniature Painting. Origin and Development, Features of Pahari School Appreciation of Pahari Paintings + Practical.		
June	13		• The Mughal and Deccan School of Miniature Painting + Practical		
July	25	**Periodic Test-I**	• Practical + Revision		• 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.
August	23	**Mid-Term Examination**	• Practical + Revision		
September	21		• Exam Term - 1		
October	20	**Periodic Test-II**	• The Bengal School of Painting+ Practical		• 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.
November	16		• The Modern Trends in Indian Art+		
December	23	**Pre-Board Examination**	• Practical Indian National Flag and the Modern Trends in Indian Art		• Nature Painting: Take the class outdoors for a plein air painting session. Have students choose

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
			Appreciation of contemporary (Modern) Indian Art		a 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.
January	23		• Practical + Revision		
February	21		• Exam Term 2		

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 /Unit (Entire Book to be Covered)	Tentative No. of Periods Required	Activities Proposed
April	23		• CH:1- Variations in Psychological Attributes • CH:2- Self and Personality	21	• *Action Research: Individual Differences in Human Functioning* • *Poster Making: Different theories of Intelligence* • *Group Discussion: Concept of Personality* • *Making Mind Map: Major Approaches to the Study of Personality*
May	12		• CH:2- Self and Personality (Conti….)	10	• *Solving Question and answers*
June	13		• CH:3-Meeting Life Challenges	11	• *Practicing Stress Management Techniques* • *Promoting Positive Health and Well-being*
July	25	Periodic Test-I	• CH:4- Psychological Disorders • CH:5- Therapeutic Approaches	22	• *Action Research: Factors Underlying Abnormal Behaviour* • *Making mind Map: Major Psychological Disorders* • *Role Play: Students will play the role of Therapists*
August	23		• CH:5- Therapeutic Approaches (Conti….)	13	• *Group Discussion: Types of Therapies*
September	21	Mid-Term Examination	• CH:6- Attitude and Social Cognition • CH:7-Social Influence and Group Processes	17	• *Comparative Studies:* • *Attitude Formation* • *Attitude Change* • *Attitude-Behaviour Relationship* • *Group Discussion: Prejudice and Discrimination* • *Making Mind Map: Type of Groups* • *Group Discussion:* • *Influence of Group on Individual Behaviour* • *Social Loafing* • *Group Polarisation*
October	20	Periodic Test-II	• CH:7-Social Influence and Group Processes (Conti…)	17	• *Question, answer Solving*

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	Practical / Activities Proposed
November	16		• Revision	15	
December	23	Pre-Board Examination	• Revision	10	
January	23		• Revision	20	
February	21				

Subject : Computer Science (083)
Prescribed Book :- 1. Computer Science with Python KIPS

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	Practical / Activities Proposed
April	23		• Ch-1 Review Python-I • Ch-2 Review Python-II • Ch-3 Functions • **End of Topic Test**	06 07 09 01	• **Review Python-I/ Review Python-II** • Solve different output-based questions to recapitulate the fundamentals of Python. • Programs in Python to perform the tasks as follows: • Create and display the Fibonacci Series. • Check for prime, palindrome, armstrong, perfect numbers etc. • Input a list/tuple and implement various operations viz. concatenation, repetition, traversal, deletion, insertion, sorting etc. • Input key and values to create a dictionary and display the maximum/minimum salary of the employee, average marks of each student etc. • **Functions** • Write programs in Python to create function for the following: • To find the L.C.M/G.C. D of two input numbers. • To implement the simple calculator. • To pass the base(a) and power(b) as function arguments and display the result as a^b without using the built-in function. • To pass the lower and upper range as function arguments and display all even/odd/prime/armstrong/perfect/palindrome numbers within the range. • To pass two string arguments and check whether they are of same length or not. • To pass a string (a statement) •
May	12		• Ch-3 Functions • Ch-4 File Handling in	03 07	• **Functions** • Solving few problems to understand the concept of global scope of

Month			Topic/Chapter	Periods	Activities/Practical
			Python • **End of Topic Test**	01	variables, multiple return statements mutable and immutable data types. • **File Handling in Python** • 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. • 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".
June	**13**		• Ch-4 File Handling in Python • **End of Topic Test**	10 01	• **File Handling in Python** • 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 • Write a program to read and append the data in a binary file. • Write a function to search and display the details of a student whose roll no is '15' from the binary file. • 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.
July	**25**	**Periodic Test-I**	• Ch-5 Data Structures: Stack • Ch-8 Database Concepts • **End of Topic Test**	06 16 01	• **Data Structures: Stack** • 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. • Write a Python program to create a stack of student's marks, which retrieve the information from a dictionary. Stud= {"Amit":67," Ved":4 • Akash":10} • Write a function PUSH (Student) to add marks of those students who have marks more than 50 from a dictionary Student. • Write a function POP (Student) to remove the • marks from the stack and display them. • **Database Concepts** • 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. • Application of different DDL commands viz. create, alter, drop etc. in form SQL queries. • Application of different DML commands viz. select, update, insert, delete etc. in form SQL queries • Framing SQL queries using different keywords/clauses viz. distinct, where, in, not in, like, group by, order by etc. • Application of aggregate functions sum(), count(), average(), min(), max().

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit		Tentative No. of Periods Required	Activities Proposed
				• Drawing diagrams and framing SQL queries on cartesian product, join operation.		
August	23	Mid-Term Examination	• Ch-8 Database Concepts • Ch-9 Interface of Python with SQL Database • End of Topic Test	04 08 01		• **Database Concepts** • Assigning foreign keys while joining two tables. • Solving different queries from lab activity/past year question paper. • **Interface of Python with SQL Database** • Rakesh wants to create a database schema for an online movie rating system. He needs to develop an interface that provides front end interaction through Python and stores and updates record using MYSQL • Develop Python code to implement a basic text-based application to allow the user to interact with the online electronics shopping database.
September	21		• Ch-9 Interface of Python with SQL Database • Ch: -6 Computer Networks I • End of Topic Test	06 11 01		• **Interface of Python with SQL Database** • Develop Python code to implement a basic text-based application to allow the user to interact with the online electronics shopping database. • **Computer Networks I** • Create a hierarchical pictorial chart to calssify the transmission media. Also make a tabular chart to explain each transmission media along relevant diagram.
October	20	Periodic Test-II	• Ch: -6 Computer Networks II • End of Topic Test	16 01		• **Computer Networks II** • Create a tabular chart to illustrate different types of computer networks such as PAN, LAN, MAN, WAN • Create a hierarchical pictorial chart to classify different network topologies. Also make a tabular chart to describe each with relevant diagram.
November	16		• Revision			• **Project Work**
December	23	Pre-Board Examination	• Revision			•
January	23		• Revision			•
February	21		• Revision			•

Subject : Informatics Practices (065)
Prescribed Book : Informatics Practices, By Preeti Arora

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
April	23		• CH-2:Data handling Using Pandas 1	20	• Create series and dataframes

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	Practical Exam
			• End of topic test		
May	12		• CH-2:Data handling Using Pandas 1 (cont…) • End of topic test	10	• Import data from open source CSV files • and perform basic row and column • operation
June	13		• CH-4: Data Visualisation Using Pyplot • End of topic test	10	• Analyse the student performance based • on different parameters from school • result data. • On any secondary data(data.gov.in), • summarize it and plot it using different • plotting functions of matplotlib library.
July	25	Periodic Test-I	• CH-1: Querying and SQL Functions	20	• Divine hotel needs to store, retrieve, and • delete the records of its clients. Develop an • interface that provides front end interaction • through Python and stores and updates • record using MYSQL.
August	23	Mid-Term Examination	• CH-6: Societal Impact	6	• Make Presentation on E-Waste and Hazards Management
September	21		• CH-5: Internet and Web	6	• Project Work
October	20	Periodic Test-II	• Revision of Python	20	• Project Work
November	16		• Revision of Python and SQL	10	• Project Work
December	23	Pre-Board Examination	• Revision of SQL	20	• Project Work
January	23		•		•
February	21		•		•

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 /Unit (Entire Book to be Covered)	Tentative No. of Periods Required	Practical Exam
April	23		• Management of Sporting Events	20	• Basketball skills

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Months	Number of Working Days	Name of the Examination	Chapters	Tentative No. of Period Required	Activities Proposed
May	12		• Yoga as Preventive measure for Lifestyle Disease	10	• Football Skills
June	13		• Yoga as Preventive measure for Lifestyle Disease	10	• Kabaddi Skills
July	25	Periodic Test-I	• Physical Education & Sports for CWSN (Children with Special Needs • Sports & Nutrition	08	• Yoga related activities •
August	23	Mid-Term Examination	• Sports & Nutrition • Test & Measurement in Sports	15	• Yoga related activities
September	21		• Physiology & injuries in sports • Biomechanics & Sports	17	• Yoga related activities
October	20	Periodic Test-II	• Psychology & Sports	10	• Fitness/Drills
November	16		• Psychology & Sports	20	• Basketball skills
December	23	Pre-Board Examination	• Training in sports	08	• Conditioning practice
January	23		• Revision	15	• Conditioning practice
February	21		• Practical's	15	

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
April	23		• Brief study of Alankar, Kan, Meend, Murki, Gamak • Brief study of Gram, Murchhana, Alaap, Tana	28	• Voice test in the besis of Alankar with the help of Harmonium
May	12		• Historical development of time theory of Ragas. • One Vilambit Kheyal	14	• Practice Vilambit Kheyal of Raga Bhairav with Harmonium
June	13		• Detail study of Sangeet Ratnakar • One Drut Kheyal of any prescribed ragas. (Bhairav, Bageshri, Malkauns)	14	• Practice Drut Kheyal of Raga Bhairav with Harmonium and Tabla
July	25	Periodic Test-I	• Detail study of Sangeet Parijat • One Tarana of any prescribed ragas. (Bhairav, Bageshri, Malkauns)	21	• Practice Tarana of Raga Bhairav with Harmonium and Tabla

Months	No. of Working Days	Name of the Examination (As per School Policy Framed)	Chapters/Unit	Tentative No. of Periods Required	Activities Proposed
August	23	**Mid-Term Examination**	• Life Sketch of Faiyaz Khan. • One Dhamar with Dugun and Chaugun of any prescribed ragas. (Bhairav, Bageshri, Malkauns)	18	• Practice Dhamar of Raga Bhairav with Harmonium
September	21		• Life sketch of Bade Gulam Ali Khan • Raga – Bageshri (Tana & Alap)	18	• Practice Raga Bageshri and Malkauns with Harmonium
October	20	Periodic Test-II	• Raga – Malkauns (Tana & Alap) • Life sketch of Krishna Rao Shankar Pandit	14	• Recitation of Jhaaptala with tabla and hand beats
November	16		• Recitation of the Theka of Jhaap Tala • Description of following talas (Jhaaptala, Tala – Rupak, Tala – Dhamar) • Ability to Recognize the prescribed ragas.	16	• Recitation of Jhaaptala, Tala – Rupak & Tala – Dhamar with hand beats.
December	23	**Pre-Board Examination**	• Written Practical, Project file Preparation • Tuning of Tanpura • Full Course Revision		• Tuning of Tanpura.
January	23		• Full Course Revision		•
February	21		• **Board Exam**		•

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
April	23		• Unit-I • Introduction to yoga and yogic practices II • Shatkarma Meaning, Purpose and their Significance in Yoga Sadhana • Meaning of Shatkarma, Purpose and significance • Introduction of six cleansing processwith their benefits and precaution. • Introduction to yogasana: Meaning, Principles and their health benefits.	15	• Practical demonstration of Asana practiced in class XIth.
May	12		• Unit-I • Introduction to yoga and yogic practices II: • Introduction of Pranayama and Dhyana and their health benefits. • Unit-II • Introduction to yoga text II: • Concept of Ahara according to yogic	6	• Project file • Practice of Tadasana. • Practice of ArdhaChakrasana. • Practice of Katichakrasana

Month					
			text.		
June	13		• Unit- II • Introduction to yoga text II • Three classification of Ahara According to Shrimadbhagvadgita. • Plan of Yogic Diet (Mitahara) • Significance of yoga practices in health promotion. • Concept of mental health well-being according to Patanjali yoga •	12	• International Yoga Day.
July	25	Periodic Test-I	• Steps of promoting mental modification of health (Kriya Yoga) • Yoga practices of patanjali yoga. • Concept of healthy living in Bhagwadgita. • Yoga means Equanimity • Importance of Subjective experience in daily yoga practices. • Physical Health, mental Health. • Social health and Spiritual health	16	• Practice of Dandasana. • Project file submission • Practice of Bhadrasana. • Practice of Padamasana. • Practice of Vajrasana
August	23	Mid-Term Examination	• Unit-III • Yoga for Health promotion: • Introduction to First- Aid and CPR. • Yogic management of stress and its consequences Concept of stress. • Cause of stress • Sign and symptoms of stress. • Effect of stress. • Yogic management of stress.	15	• Project file submission.
September	21		• Yoga and diet. • Yoga in prevention of common disease. • Obesity • Hypertension		• Practice of Makrasana. • Practice of Uttanpadasana. • Practice of Setubandhasana
October	20	Periodic Test-II	• Lower back pain, • Bronchial Asthma, • Arthritis. • Yoga and personality developments	6	• Inter house yoga competition • Practice of Vipritkarniasana. • Practice of Saralmatsyasana.
November	16		• Revision	10	• Practice of Shavasana. • Repition of Pranayam of class XI.

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December	23	**Pre-Board Examination**	• Revision	12	• Practice of Jalandhar and UddayanBandh. • Repition of Mudras of class XI.
January	23		• Revision	15	• Practice of breath Meditation and OM Dhyan.
February	21		• Revision		

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