

GRADE X CYCLEWISE CURRICULUM 2024-25

ENGLISH LANGUAGE AND LITERATURE (CODE NO. 184)

MAIN READER: FIRST FLIGHT (NCERT BOOK) SUPPLEMENTARY READER: FOOTPRINTS WITHOUT FEET (NCERT BOOK)		
CYCLE	CYCLE DATES	TOPICS
I	1 st Mar '24 – 28 th Mar '24	Fiction- A Letter to God, Nelson Mandela Poem- Dust of Snow S. Reader- A Triumph of Surgery Writing/ Grammar- Cloze Passages (Correct/incorrect), Subject Verb Concord, Modals; Analytical Paragraph
II	1 st Apr '24 – 30 th Apr '24	Fiction- Two Stories about Flying, From the Diary of Anne Frank Poem- Fire and Ice S. Reader- The Thief's Story Writing- Analytical Paragraph
III	1 st May '24 – 28 th May '24	Fiction- Glimpses of India Poem- A Tiger in the Zoo, How to Tell Wild Animals S. Reader- The Midnight Visitor Writing- Analytical Paragraph
IV	MID TERM (1st July '24- 12th July '24) 15 th July '24 – 31 st July '24	Fiction- Mijbil the Otter, Madam Rides the Bus Poem- The Ball Poem, Amanda! S. Reader- A Question of Trust Grammar- Reported Speech, Determiners, Tenses
V	1 st Aug '24 – 30 th Aug '24	Fiction- The Sermon at Benares Poem- The Trees S. Reader- Footprints Without Feet, The Making of a Scientist Writing- Formal Letter (Editor)
VI	Half Yearly Examination (3rd Sept-19th Sept)	
VII	20 th Sept '24 – 30 th Sept '24	Fiction- The Proposal Poem- Fog Grammar- Prepositions
VIII	1 st Oct '24 – 29 th Oct '24	Poem- The Tale of Custard the Dragon, For Anne Gregory S. Reader- The Necklace, Bholi Writing/ Grammar- Formal Letter (Order/Enquiry)
IX	4 th Nov '24 - 21 st Nov '24	S. Reader- The Book that Saved the Earth Letter of complaint REVISION
X	Pre-Board Examination-I 22nd Nov '24 - 5th Dec '24	
XI	6th Dec '24-23rd Dec '24 - REVISION	

XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25
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SPANISH SYLLABUS – GRADE X BOOK – AULA INTERNACIONAL 2		
CYCLE	CYCLE DATES	TOPIC/CHAPTER
TERM I		
I	1st Mar'24 – 28th Mar'24	Presente de Indicativo Gerundio Pretérito Perfecto e Indefinido Tarea Escrita – 2 topics
II	1st Apr'24 – 30th Apr'24	Contrast <i>muy/mucho</i> Revision of the concept of comparison of equality, superiority and inferiority Tarea Escrita – 1 topic
III	1st May'24 – 28th May'24	Contrast between <i>pretérito perfecto</i> , <i>pretérito indefinido</i> and <i>imperfecto de indicativo</i> El imperativo Tarea Escrita – 2 topics
IV	MID TERM (1st July'24- 12th July'24) 15th July '24 – 31st July '24	Pronombres de objeto direct e indirecto Negative command (singular/plural) + direct/indirect object pronoun Literatura: Lope de Vega, Gustavo Adolfo Bécquer, Camilo José Cela
V	1st Aug'24 – 30th Aug'24	Prepositions: Por/Para Impersonal 'se' Las perífrasis Use of the verb Doler and expressions with Tener dolor de + sustantivo
HALF YEARLY EXAMINATION (3rd September – 19th September)		
TERM II		
VII	20th Sept'24 – 30th Sept'24	Idea of the subjunctive mood El futuro Tarea Escrita
VIII	1st Oct'24 – 29th Oct'24	Literatura: Gabriel García Márquez, Jorge Luis Borges, Mario Vargas Llosa, Nicolás Guillén General Knowledge on Hispanic Countries, Culture & Civilisation
IX	4th Nov'24 – 21st Nov'24	Simple conditional
X	Pre-Board Examination I (22nd Nov'24 – 5th Dec'24)	
XI	6th Dec'24 – 23rd Dec'24	Repaso

XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25
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SPANISH (CODE NO. 096)

GERMAN (CODE NO. 020)

GERMAN SYLLABUS – GRADE X BOOK – BESTE FREUNDE B1.1		
CYCLE	CYCLE DATES	TOPIC/CHAPTER
TERM I		
I	1st Mar'24 – 28th Mar'24	Lektion 6: Magst du grüne Bohnen? Satz Strukturen mit allen Kasus Indirekte Frage mit ob und W-Frage
II	1st Apr'24 – 30th Apr'24	Adjektivendungen im Nominativ und Akkusativ (Bestimmt, Unbestimmt, Ohne Artikel) Vorteile und Nachteile angeben Ein Thema präsentieren
III	1st May'24 – 28th May'24	Lektion 7: Die App, die den Dieb findet Partizip Perfekt Präteritum
IV	MID TERM (1st July'24-12th July'24) 15th July '24 – 31st July '24	Lektion 7: Die App, die den Dieb findet Lokale Präpositionen Relativpronomen: der/die/das/den/dem/denen
V	1st Aug'24 – 30th Aug'24	Akkusativ und Dativ Präpositionen Steigerung der Adjektiven: Komparativ und Superlativ Wiederholung
HALF YEARLY EXAMINATION (3rd September – 19th September)		
TERM II		
VII	20th Sept'24 – 30th Sept'24	Lektion 8: Einfach Sprachen lernen Konjunktion: obwohl
VIII	1st Oct'24 – 29th Oct'24	Lektion 9: Deine Hilfe zählt Relativpronomen: wo, was Nebensätze: als, wenn, weil, nachdem, während, bevor
IX	4th Nov'24 – 21st Nov'24	Plusquamperfekt Geschichte schreiben Lesetexte und Schreiben Aufgaben
X	Pre-Board Examination I (22nd Nov'24 – 5th Dec'24)	
XI	6th Dec'24 – 23rd Dec'24	Wiederholung Fragebogen (CBSE Sample Papers)
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

FRENCH (CODE NO. 018)

FRENCH SYLLABUS – GRADE X BOOK – ENTRE JEUNE-2		
CYCLE	CYCLE DATES	TOPIC/CHAPTER
TERM I		

I	1 st Mar'24 – 28 th Mar'24	L-2 APRÈS LE BAC • Le futur antérieur. • La forme nominale • Le système d'éducation en France L-3 CHERCHER DU TRAVAIL • Les pronoms relatifs simples et composés. • Le monde du travail, l'ANPE – • Décrire la carrière professionnelle.'
II	1 st Apr'24 – 30 th Apr'24	L-4 LE PLAISIR DE LIRE • C.V. • Le plus-que-parfait. • S'inscrire à la bibliothèque ' • Raconter un événement/ une fable
III	1 st May'24 – 28 th May'24	L-5 LES MÉDIAS • Revision of all the pronouns • Révision de la grammaire (Les temps, Les pronoms personnels)
IV	MID TERM (1 st July'24-12 th July'24) 15 th July '24 – 31 st July '24	L-6 CHACUN SES GOÛTS • Les pronoms démonstratifs simples et composés. • Le pronom- on - L'emphase : « C'est qui/que... »
V	1 st Aug'24 – 30 th Aug'24	L-7 EN PLEINE FORME • Les Pronoms Possessifs • La Santé • La sécurité sociale
HALF YEARLY EXAMINATION (3rd September – 19th September)		
TERM II		
VII	20 th Sept'24 – 30 th Sept'24	L-8 L'ENVIRONNEMENT • Le subjonctif
VIII	1 st Oct'24 – 29 th Oct'24	L-10 • Le conditionnel passé - Si clauses. - Ne...pas+infinitif,
IX	4 th Nov'24 – 21 st Nov'24	• Le discours rapporté • Le système politique en France et en Inde
X	Pre-Board Examination-I 22nd Nov'24 - 5th Dec'24	
XI	6 th Dec'24 – 23 rd Dec'24	Récapitulation
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

HINDI -B (CODE NO. 085)

CYCLE	CYCLE DATES	TOPICS
I	1 st Mar '24 TO 28 th Mar '24	पाठ – बड़े भाई साहब (गद्य) पाठ – कबीर की साखी (पद्य) व्याकरण – पदबंध, अपठित गद्यांश, सृजनात्मक लेखन
II	1 st Apr '24 TO 30 th Apr '24	पाठ – डायरी का पन्ना (गद्य) पाठ – मीरा के पद (पद्य) व्याकरण – वाक्य के अंग (सरल, संयुक्त, मिश्र वाक्य) पत्र लेखन (औपचारिक पत्र), सूचना लेखन

III	1 st May '24 TO 28 th May '24	पाठ – तर्तार – वामीरो कथा (गद्य) पाठ – तोप (पद्य) व्याकरण – मुहावरे , अनुच्छेद लेखन , लघु कथा लेखन
IV	MID TERM (1 st July '24 - 12 th July '24) (15 th July '24 - 31 st July '24)	व्याकरण – पदबंध और समास पुनरावृत्ति पाठ – मनुष्यता (पद्य)
V	1 st Aug '24 TO 30 th Aug '24	पाठ – तीसरी कसम के शिल्पकार (गद्य) व्याकरण – तत्पुरुष समास, कर्मधारय समास , अव्ययीभाव अपठित गद्यांश , ई – मेल लेखन, विज्ञापन लेखन
VI	Half Yearly Exam (3 rd Sept-19 th Sept) अर्धवार्षिक परीक्षा	
VII	20 th Sept '24 TO 30 th Sept '24	पाठ – पर्वत प्रदेश में पावस (पद्य) पाठ – हरिहर काका (संचयन) व्याकरण - अनुच्छेद लेखन , कहानी लेखन , समास
VIII	1 st Oct'24 TO 29 th Oct'24	पाठ – अब कहाँ दूसरों के दुःख से दुखी होने वाले पाठ – आत्मत्राण (पद्य) पाठ – कारतूस (गद्य)
IX	4 th Nov'24 TO 21 st Nov'24	पाठ – पतझड़ में टूटी पत्तियाँ (गद्य) पाठ – गिन्नी का सोना , झेन की देन (गद्य) पाठ – कर चले हम फ़िदा (पद्य)
X	Pre-Board Examination – I 22 nd Nov'24 - 5 th Dec'24	
XI	6 th Dec'24 TO 23 rd Dec'24	दोहराई कार्य
XII	Pre-Board Examination – II 26 th Dec'24 - 17 th Jan'25	

संस्कृत (CODE NO. 122)

CYCLE	CYCLE DATES	TOPICS
I	1 st Mar '24 TO 28 th Mar '24	प्रथमः पाठः शुचिपर्यावरणम् व्याकरणम्- सन्धिः कार्यम् पठनम् - अपठित-अवबोधनम्
II	1 st Apr '24 TO 30 th Apr '24	द्वितीयः पाठः बुद्धिर्बलवती व्याकरणम् - अव्ययपदानि लेखनम् - संस्कृतेन अनुवादः
III	1 st May '24 TO 28 th May '24	चतुर्थः पाठः शिशुलालनम् व्याकरणम् - समासः लेखनम् - पत्र-लेखनम्
IV	MID TERM (1 st July '24 - 12 th July '24) (15 th July '24 - 31 st July '24)	पञ्चमः पाठः जननी तुल्यवत्सला व्याकरणम् - समयः लेखनम् - चित्र-वर्णनम्
V	1 st Aug '24 TO 30 th Aug '24	षष्ठः पाठः सुभाषितानि व्याकरणम् - प्रत्ययाः लेखनम् - संस्कृतेन अनुवादः

VI	Half Yearly Exam (3rd Sept-19th Sept) अर्धवार्षिक परीक्षा	
VII	20th Sept '24 TO 30th Sept '24	सप्तमः पाठः सौहार्द प्रकृतेः सौंदर्य व्याकरणम् - वाच्यपरिवर्तनम् पठनम् - अपठित-अवबोधनम्
VIII	1st Oct'24 TO 29th Oct'24	अष्टमः पाठः विचित्रः साक्षी व्याकरणम् - संशोधन-कार्यम् लेखनम् - चित्र-वर्णनम् पत्र-लेखनम् च
IX	4th Nov'24 TO 21st Nov'24	नवमः पाठः सूक्तयः द्वादशः पाठः अन्योक्तयः
X	Pre-Board Examination – I 22nd Nov'24 - 5th Dec'24	
XI	6th Dec'24 TO 23rd Dec'24	दोहराई कार्य
XII	Pre-Board Examination – II 26th Dec'24 - 17th Jan'25	

MATHEMATICS (CODE NO. 041)

CYCLE	CYCLE DATES	TOPICS
I	1st Mar '24 – 28th Mar '24	Chapter 1: Real Numbers Chapter 2: Polynomials Chapter 3: Pairs of Linear Equations in Two Variables
II	1st Apr '24 – 30th Apr '24	Chapter 6: Triangles Chapter 7: Co-ordinate Geometry Chapter 8: Introduction to Trigonometry
III	1st May '24 – 28th May '24	Chapter 9: Applications of Trigonometry Chapter 5: Arithmetic Progressions
IV	MID TERM (1st July 24- 12th July 24) 15th July '24 – 31st July '24	Chapter 4: Quadratic Equation Chapter 14: Probability
V	1st Aug '24 – 30th Aug '24	Revision Half Yearly Examination
VI	Half Yearly Examination (3rd Sept-19th Sept)	Half Yearly Examination
VII	20th Sept '24 – 30th Sept '24	Chapter 13: Statistics
VIII	1st Oct'24 – 29th Oct'24	Chapter 11: Areas Related to Circles
IX	4th Nov'24 - 21st Nov'24	Chapter 12: Surface Areas and Volumes Chapter 10: Circles
X	Pre-Board Examination-I 22nd Nov'24 – 5th Dec'24	
XI	6th Dec'24- 23rd Dec'24	Revision
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

SCIENCE (CODE NO. 086)
PHYSICS

CYCLE	CYCLE DATES	CHAPTER/TOPIC
I	1 st Mar '24 – 28 th Mar '24	Chapter – 11: Electricity Electric current, Potential difference and electric current, Ohm's Law, Resistance, Resistivity, Factors on which the resistance of a conductor depends, Series combination of resistors, Parallel combination of resistors and its applications in daily life, Heating effect of electric current and its applications in daily life, Electric power, Interrelation between P, V, I and R
II	1 st Apr '24 – 30 th Apr '24	Chapter – 12: Magnetic effects of electric current Magnetic field & Field lines, Field due to current carrying straight conductor, Field due to current carrying coil or solenoid, Force on current carrying conductor, Fleming's Left-Hand Rule.
III	1 st May '24 – 28 th May '24	Chapter – 12: Magnetic effects of electric current Direct current, Alternating current, Frequency of AC, Advantages of AC over DC, Domestic electric circuits.
IV	MID TERM (1st July'24- 12th July'24) 15 th July '24 – 31 st July '24	Chapter – 9: Reflection and refraction Laws of Reflection of light, Reflection of light by curved surfaces, Image formation by spherical mirrors, Sign convention for reflection, Mirror formula (Derivation not required), Magnification., Uses of concave and convex mirrors
V	1 st Aug '24 – 30 th Aug '24	Chapter – 9: Reflection and refraction Refraction, Laws of Refraction of light, Refractive index, Refraction through a rectangular glass slab, Refraction of light by spherical lens, Image formation by spherical lenses, Lens formula (Derivation not required), Magnification & Power of a lens. REVISION FOR HALF YEARLY EXAMINATION
VI	3 rd Sept-19 th Sept '24	Half Yearly Examination
VII	20 th Sept '24 – 30 th Sept '24	Chapter – 10: Human eye and colourful world Functioning of a lens in human eye, Defects of vision, Myopia, Hypermetropia, Presbyopia, Corrections of the defects of vision.
VIII	1 st Oct'24 – 29 th Oct'24	Chapter – 10: Human eye and colourful world Refraction of light through a prism, Atmospheric refraction twinkling of stars, Advance sunrise and delayed sun set, scattering of light, Tyndall effect, Natural phenomenon, scattering of light.
IX	4 th Nov'24 – 21 st Nov'24	REVISION FOR PRE-BOARD EXAMINATION
X	Pre-Board Examination-I 22 nd Nov'24 - 5 th Dec'24	
XI	6 th Dec'24- 23 rd Dec'24	Practical Assessment
XII	Pre-Board Examination-II 26 th Dec'24- 17 th Jan'25	

CHEMISTRY

CYCLE	CYCLE DATES	CHAPTER/TOPIC
I	1st Mar '24 – 28th Mar '24	Chapter 1- Chemical Substances - Nature and Behavior Chemical reactions: Chemical equation, Balanced chemical equation, implications of a balanced chemical equation.
II	1st Apr '24 – 30th Apr '24	Continued... Types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction. Chapter 2-Acids, bases and salts: Their definitions in terms of furnishing of H^+ and OH^- ions, General properties, examples and uses,
III	1st May '24 – 28th May '24	Continued.. concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; Preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris.
IV	MID TERM (1st July'24-12th July'24) 15 th July '24 – 31 st July '24	Chapter 4-Carbon compounds: Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds alkanes and alkynes.
V	1st Aug '24 – 30th Aug '24	Continued Chapter 4 Nomenclature of carbon compounds alkanes and alkynes. containing functional groups (halogens, alcohol, ketones, aldehydes,), difference between saturated hydrocarbons and unsaturated hydrocarbons.
VI	Half Yearly Examination (3rd Sept-19th Sept)	
VII	20th Sept '24 – 30th Sept '24	Continued Chapter 4... Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction).
VIII	1st Oct'24 - 29th Oct'24	Continued Chapter 4... Ethanol and Ethanoic acid (only properties and uses), soaps and detergents. Chapter 3-Metals and non-metals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds.
IX	4th Nov'24 – 21st Nov'24	Continued Chapter 3 Basic metallurgical processes; Corrosion and its prevention
X	Pre-Board Examination-I 22nd Nov'24 - 5th Dec'24	
XI	6 th Dec'24- th 23 rd Dec'24	Practical Examination and Revision
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

BIOLOGY

TEXT BOOK REFERENCE – NCERT PUBLISHER- NCERT Publication		
CYCLE	CYCLE DATES	CONTENT
I	1st Mar '24 – 28th Mar '24	<p><u>Unit II: World of Living</u></p> <p>Chapter-6 Life processes:</p> <ul style="list-style-type: none"> • "Living Being". Basic concept of nutrition. • Nutrition in Plant and Human Being • Basic concept of Respiration • Basic concept of Transportation • Transportation in Plant and Human Being • Basic concept of Excretion • Structure of Excretion system of Human Being <p>Practical 1- To prepare Temporary Mount peel of stomata from a leaf peel. Practical 2- To show experimentally that carbon dioxide is given out during respiration</p>
II	1st Apr '24 – 30th Apr '24	<p><u>Unit II: World of Living</u></p> <p>Chapter – 7- Control and Coordination</p> <ul style="list-style-type: none"> • Control and co-ordination in animals and plants • Tropic movements in plants; • Response to stimulus • Function of different hormones. • Endocrine glands in Human beings. • Introduction to plant hormones • Nervous system; • Structure and function of neuron • voluntary, involuntary and reflex arc • Reflex action • Chemical co-ordination, • Animal hormones
III	1st May '24 – 28th May '24	<p><u>Unit II: World of Living</u></p> <p>Chapter- 8 How do organisms Reproduce?</p> <ul style="list-style-type: none"> • Reproduction in animals and plants (asexual and sexual) <ul style="list-style-type: none"> • DNA and its importance. • Asexual and Sexual Reproduction in Animals and Plants. • Sexual Reproduction in Human • Sexually transmitted disease • Reproductive health-need for and methods of family planning. • Safe sex vs HIV/AIDS. Childbearing and women's health. • Practical 3: To study the binary fission in Amoeba and Budding in Yeast and Hydra with the help of Permanent slides. • Practical 4: To Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

IV	MID TERM (1st July'24- 12th July'24) 15th July '24 – 31st July '24	<u>Unit II: World of Living</u> Chapter- 9 Heredity: <ul style="list-style-type: none"> • Heredity • How do traits get Expressed.
V	1st Aug '24 – 30th Aug '24	Chapter- 9 Heredity <ul style="list-style-type: none"> • Mendel's contribution- Laws for inheritance of traits: • Monohybrid Cross • Di-hybrid Cross • Sex Determination: brief introduction
VI	Half Yearly Examination (3rd Sept-19th Sept)	
VII	20th Sept '24 – 30th Sept '24	<u>Unit IV: Natural Resources</u> Chapter- 15 Our environment <ul style="list-style-type: none"> • Eco-system, • Environmental problems, Ozone depletion, waste production and their solutions. • Biodegradable and non-biodegradable substances
VIII	1st Oct'24 - 29th Oct'24	<u>Unit IV: Natural Resources-INTERNAL ACTIVITY</u> Chapter-16 Management of Natural Resources. (NOTES) <ul style="list-style-type: none"> • Conservation and Management of natural resources. • Conservation and judicious use of natural resources. • Forest and wildlife, coal and petroleum conservation • Water harvesting. • Sustainability of natural resources. • Water management and rainwater harvesting. • Becoming environmentally Friendly
IX	4th Nov'24 – 21st Nov'24	<ul style="list-style-type: none"> • Revision of important topics for upcoming Assessment
X	Pre-Board Examination-I 22nd Nov'24 - 5th Dec'24	
XI	6th Dec'24-th 23rd Dec'24	Discussion of important topics of the course along with sample papers
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

SOCIAL SCIENCE (CODE NO. 087)

POLITICAL SCIENCE		
CYCLE	CYCLE DATES	CONTENT
I	1st Mar '24 – 28th Mar '24	POWER SHARING
II	1st Apr '24 – 30th Apr '24	FEDERALISM

III	1 st May '24 – 28 th May '24	FEDERALISM
IV	MID TERM (1 st July'24-12 th July'24) 15 th July '24 – 31 st July '24	GENDER, RELIGION AND CASTE
V	1 st Aug '24 – 30 th Aug '24	GENDER, RELIGION AND CASTE
VI	Half Yearly Examination (3 rd Sept-19 th Sept)	
VII	20 th Sept '24 – 30 th Sept '24	POLITICAL PARTIES
VIII	1 st Oct'24 - 29 th Oct'24	OUTCOMES OF DEMOCRACY
IX	4 th Nov'24 – 21 st Nov'24	REVISION
X	Pre-Board Examination-I 22 nd Nov'24 - 5 th Dec'24	
XI	6 th Dec'24-23 rd Dec'24	REVISION
XII	Pre-Board Examination-II 26 th Dec'24- 17 th Jan'25	

HISTORY		
CYCLE	CYCLE DATES	CONTENT
I	1 st Mar '24 – 28 th Mar '24	NATIONALISM IN EUROPE
II	1 st Apr '24 – 30 th Apr '24	NATIONALISM IN INDIA
III	1 st May '24 – 28 th May '24	NATIONALISM IN INDIA
IV	MID TERM (1 st July'24-12 th July'24) 15 th July '24 – 31 st July '24	MAKING OF THE GLOBAL WORLD
V	1 st Aug '24 – 30 th Aug '24	MAKING OF THE GLOBAL WORLD
VI	Half Yearly Examination (3 rd Sept-19 th Sept)	
VII	20 th Sept '24 – 30 th Sept '24	THE AGE OF INDUSTRIALISATION
VIII	1 st Oct'24 - 29 th Oct'24	PRINT, CULTURE AND THE MODERN WORLD
IX	4 th Nov'24 – 21 st Nov'24	PRINT, CULTURE AND THE MODERN WORLD
X	Pre-Board Examination-I 22 nd Nov'24 - 5 th Dec'24	
XI	6 th Dec'24-23 rd Dec'24	REVISION

XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25
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ECONOMICS		
CYCLE	CYCLE DATES	CONTENT
I	1st Mar '24 – 28th Mar '24	DEVELOPMENT
II	1st Apr '24 – 30th Apr '24	SECTORS OF THE ECONOMY
III	1st May '24 – 28th May '24	SECTORS OF THE ECONOMY
IV	MID TERM (1st July'24-12th July'24) 15th July '24 – 31st July '24	MONEY AND CREDIT
V	1st Aug '24 – 30th Aug '24	MONEY AND CREDIT
VI	Half Yearly Examination (3rd Sept-19th Sept)	
VII	20th Sept '24 – 30th Sept '24	GLOBALISATION AND THE INDIAN ECONOMY
VIII	1st Oct'24 - 29th Oct'24	GLOBALISATION AND THE INDIAN ECONOMY
IX	4th Nov'24 – 21st Nov'24	REVISION
X	Pre-Board Examination-I 22nd Nov'24 - 5th Dec'24	
XI	6th Dec'24-23rd Dec'24	REVISION
XII	Pre-Board Examination-II 26th Dec'24- 17th Jan'25	

GEOGRAPHY		
CYCLE	CYCLE DATES	CONTENT
I	1st Mar '24 – 28th Mar '24	RESOURCES & DEVELOPMENT
II	1st Apr '24 – 30th Apr '24	FOREST AND WILDLIFE RESOURCES
III	1st May '24 – 28th May '24	WATER RESOURCES & AGRICULTURE
IV	MID TERM (1st July'24-12th July'24) 15th July '24 – 31st July '24	MINERALS & ENERGY RESOURCES
V	1st Aug '24 – 30th Aug '24	REVISION
VI	Half Yearly Examination (3rd Sept-19th Sept)	

VII	20 th Sept '24 – 30 th Sept '24	MANUFACTURING INDUSTRIES
VIII	1 st Oct'24 - 29 th Oct'24	LIFELINES OF THE NATIONAL ECONOMY
IX	4 th Nov'24 – 21 st Nov'24	REVISION
X	Pre-Board Examination-I 22 nd Nov'24 - 5 th Dec'24	
XI	6 th Dec'24-23 rd Dec'24	REVISION
XII	Pre-Board Examination-II 26 th Dec'24- 17 th Jan'25	

ARTIFICIAL INTELLIGENCE (CODE NO. 417)

CYCLE	CYCLE DATES	TOPIC	SUBTOPICS
I	1 st Mar '24 – 28 th Mar '24	CH-1 Introduction to Artificial Intelligence (AI) Foundation al Concepts	What is Intelligence? Decision Making. How do you make decisions? Make your choices! What is Artificial Intelligence and what is not?, Introduction to AI and related terminologies.
II	1 st Apr '24 – 30 th Apr '24	CH-1 Introduction to Artificial Intelligence (AI) Basics of AI	Introducing AI, ML & DL. Introduction to AI Domains (Data, CV & NLP) Applications of AI – A look at Real life AI implementations. Session: AI Ethics
III	1 st May '24 – 28 th May '24	CH-2 AI Project Cycle	Introduction to AI Project Cycle, Understanding Problem Scoping & Sustainable Development Goals Simplifying Data Acquisition Visualizing Data
IV	MID TERM (1 st July'24-12 th July'24) 15 th July '24 – 31 st July '24	CH-3 Advance Python	Python Revision*, Jupyter Notebooks*, Python for Data Science* Data Science: Applications of Data Science, Data Access, Types of Data, K-Nearest Neighbor Model
V	1 st Aug '24 – 30 th Sept '24	CH-4 Data Sciences & Revision	What is data science? Applications of Data Science, Basic statistics of Python
VI	Half Yearly Examination (3 rd Sept-19 th Sept)		
VII	20 th Sept '24 – 30 th Sept '24	CH-6 Natural Language Processing	Introduction, Chatbot, Language Differences, Data Processing Introduction to Natural Language Processing, NLP Applications
VIII	1 st Oct'24 – 29 th Oct'24	CH-7 Evaluation	Introduction to Model Evaluation Confusion Matrix, Understanding Accuracy, Precision, Recall & F1 Score, Practice Evaluation

IX	4 th Nov'24 - 21 st Nov'24	CH-5 Computer Vision	Introduction, Applications, CV Concepts, Images and Pixels.
X	Pre-Board Examination-I 22 nd Nov'24 - 5 th Dec'24		
XI	6 th Dec'24-23 rd Dec'24	REVISION	
XII	Pre-Board Examination-II 26 th Dec'24- 17 th Jan'25		