

**PORTIONS REMOVED FROM THE
REVISED ADJUSTED ACADEMIC
CALENDAR FOR CLASSES XI – XII
(ARTS)**

2020-21



Directorate of Educational Research and Training
Arbuthnot Road, Nongrimmaw, Laitumkhrach,
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CLASS – XI ENGLISH CORE

CONTENT REMOVED	
I. PROSE	
1.	We're Not Afraid to Die ... If We Can All Be Together' – by Gordon Cook and Alan Frost
2.	The White Seal Adapted and Abridged from The Jungle Book – by Rudyard Kiplin
II. POETRY	
1.	The Striders – by A. K. Ramanujan
2.	To The Pupils of Hindu College – by H. L. V. Derozio
III. SUPPLEMENTARY READER	
1.	On Doing Nothing – by J. B. Priestly
IV. GRAMMAR & COMPOSITION	
1. Grammar & Usage (To be put in objective format only)	
	i) Transformation of Sentences

CLASS – XII ENGLISH CORE

CONTENT REMOVED	
I. PROSE	
1.	Deep Water – by William Douglas
II. POETRY	
1.	And So It Eventually Happened – by R. Parthasarathy
III. SUPPLEMENTARY READER	
1.	What Men Live By – by Leo Tolstoy
IV. GRAMMAR & COMPOSITION	
1. Writing	
	i) Short Composition like note-taking
	ii) Notice writing
2. Grammar Usage	
	i) Use of word substitution
	ii) Opposite words

CLASS – XI ALTERNATIVE ENGLISH

CONTENT REMOVED	
I. PROSE	
1.	The Redemption – by Victor Hugo
2.	The Castaway – by Rabindranath Tagore
II. POETRY	
2.	Ode on a Grecian Urn – by John Keats
3.	A Baby Running Barefoot – by D. H. Lawrence
III. GRAMMAR & COMPOSITION	
1. Grammar & Usage	
i)	Correction of grammatical errors in the given sentences
ii)	Agreement between subject and verb Opposite words

CLASS – XII ALTERNATIVE ENGLISH

CONTENT REMOVED	
I. PROSE	
1.	A Day in the Life of a Debt Collector – Munshi Premchand
II. POETRY	
1.	The Human Seasons – by John Keats
III. GRAMMAR & COMPOSITION	
1. Writing	
i)	Amplification of an idea
2. Grammar & Usage	
i)	Question Tags

CLASS – XI ENVIRONMENTAL EDUCATION

CONTENT REMOVED
UNIT I: Man and Environment
Chapter 5: <ol style="list-style-type: none">1. Classification of Natural Resources2. The Housing Crisis3. Migration4. Floating Population
UNIT II: Environment and Development
Chapter 7: <ol style="list-style-type: none">1. Localisation of Industrial Plants2. Impact of industrialization on agricultural development Chapter 9: <ol style="list-style-type: none">1. Industrial pollution
UNIT III: Environmental Pollution and Global Issues
Chapter 18: Pollution Related Diseases <ol style="list-style-type: none">1. Diseases caused by air and water pollution2. Disease of the modern age
UNIT IV: Energy
Chapter 24: Conservation of Energy Resources <ol style="list-style-type: none">1. Conserving energy resources in industries

CLASS – XII ENVIRONMENTAL EDUCATION

CONTENT REMOVED
UNIT I: BIODIVERSITY
1. Types of Biodiversity (Species, Ecosystem and Genetic): Species diversity; Ecosystem diversity, Marine ecosystem; Estuarine ecosystem; Genetic diversity 2. Economic Potential of Biodiversity: Introduction; Economic potential of plant diversity; Economic importance of animal diversity.
UNIT III: SUSTAINABLE AGRICULTURE
1. Impact of Agrochemicals on Environment.
UNIT IV: SUSTAINABLE DEVELOPMENT
1. Concept of Sustainable Consumption: Lessons on Sustainable Consumption; Contemporary concept of sustainable consumption.

CLASS – XI ASSAMESE (MIL)

CONTENT REMOVED
I. PROSE
Bor Boruahar Kobita Bedona – Lakhinath Bezbarua
II. POETRY
Bon Kunwari -Chandra Kr. Agarwala

CLASS – XII ASSAMESE (MIL)

CONTENT REMOVED
I. PROSE
1. Asomiya Vaishnab Kabir Narad <i>by Tirtha Nath Sarma</i>
II. POETRY
1. Indramunya Rajar Jagya Ayojon (Uresha Baman) <i>by Srimanta Shankar Dev</i>
III. GRAMMAR & COMPOSITION
1. Pratyoy

CLASS – XI BENGALI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Bhanu Singher Patro – by Rabindranath Tagore
II. POETRY	
1.	Jiban Bandana – by Nazrul Islam
IV. GRAMMAR & COMPOSITION	
1.	Prabandha Rachana
2.	Sadhu – O – Chalit Bhasu

CLASS – XII BENGALI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Banglar Nabya Lekhokdiger Proti Nibedon – Bankim Chandra Chattopaddhay
II. POETRY	
1.	Bangla Bhasha Uchchorito Holey – Shamsur Rahaman
III. GRAMMAR	
1.	Banganubad/Prabad – Prabachan
IV. COMPOSITION	
1.	Summary Writing

CLASS – XI GARO (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Japan Nokdang – Rev. Gilbert K. Marak

CLASS – XII GARO (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Gital Chasong Janggi Tangani – L. R. Marak
2. POETRY	
1.	Nang·ko Gisik Ra·gen – Howard Denison W. Momin
2.	Tom·tomani Dongja Ia A·gilsako – Meckjin R. Marak

CLASS – XI HINDI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Apu Ke Saath Dhai Saal – by Satyajit Ray
2.	Atma Ka Taap – by Sayyad Haider Raza
II. POETRY	
1.	Mere To Giridhar Gopal, Dusro Na Koi – by Meera
2.	Wah Aankhe – by Sumitranandan Pant
3.	Hai Bhukh! Mat Machal – by Akkak Mahadevi
III. RAPID READER	
1.	Rajasthan Ki Rajat Bunde – by Anupam Mishra
2.	Aalo – Aandhari – by Baby Haldar
IV. GRAMMAR & COMPOSITION	
1.	Shrutisan Bhinnarthak Shabd
2.	Anekarthi Shabd
3.	Paryawachi

CLASS – XII HINDI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Charlie Chaplin Yani Hum Sab – by Vishnu Khare
2.	Shram Vibhajan aur Jati Pratha – by Bhimrao Ambedkar
3.	Meri Kalpana Ka Adarsh Samaj – by Bhimrao Ambedkar
II. POETRY	
1.	Atma Parichay – by Harivansh Rai Bachchan
2.	Kavitavali (Uttar Kand Se) – by Tulsidas
3.	Lakshman – Murchcha Aur Ram Ka Vilap – by Tulsidas
III. RAPID READER	
1.	Diary Ke Panne - by Anne Frank

CLASS – XI KHASI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Ki Syntiew Ha Ranab by W. Kharkrang <ul style="list-style-type: none"> i) Chapter 4: U Blei U Iohi Ia Kiei Kiei Baroh ii) Chapter 5: Ban Aiti Namar Kiwei
III. POETRY	
1.	Ka Samoi Jong Ka Lyer by K. S. Nongkynrih <ul style="list-style-type: none"> i) Tang Ki tiew Pher Ki La Wan Sei Kynthong ii) Ka Prem Miet Harud Ka Tyllong Wah Umkhrah
2.	Ki Poetry Khasi by V. G. Bareh <ul style="list-style-type: none"> i) Chapter 5: Pyrem
3.	Na Nengpei Ki Sur Myllung by B.C. Jyrwa <ul style="list-style-type: none"> i) Chapter 3: Ka Por Samla ii) Chapter 11: U Nongshnadur

CLASS – XII KHASI (MIL)

CONTENT REMOVED	
I. PROSE	
1.	Ka Pyrkhath U Khasi <ul style="list-style-type: none"> i) Chapter II: U Khasi bad Ka Akor
II. POETRY	
1.	Ki Jingsneng Tymmen (Part II) by R. S. Berry <ul style="list-style-type: none"> i) Chapter 11 to Chapter 17
2.	Ki Poetry Khasi <ul style="list-style-type: none"> i) Chapter 15 Ka Weiking
III. GRAMMAR & COMPOSITION	
1.	Ka Grammar by H. W. Sten <ul style="list-style-type: none"> i) Chapter 6: Ka Preposition ii) Chapter 8: Ka Adverb

CLASS – XI MIZO (MIL)

CONTENT REMOVED	
I. HLA (POETRY)	
1.	Hraite Khawnge I Chûn Ve Kha - Rokunga
2.	Chhingkhual Tha Lengheri - Laltanpuia
II. THU (PROSE)	
1.	Anni Leh Keini - Siamkima Khawlhiring
2.	Leilung Hi Pathain Siam A Ni - P. L. Liandinga (Lehlin)
3.	Zoram Par Mawi - C. Rokhuma
III. THAWNTHU LEH LEMCHAN	
1.	Kalkhama Leh Lianphunga (Lemchan)

CLASS – XII MIZO (MIL)

CONTENT REMOVED	
I. HLA (POETRY)	
1.	Kan Ram Nuahmah – Rokunga
2.	Awmkhawar Lenkawl Ka Han Thlira – Van Khama
3.	Zun Phur Thing Tin Par – Damhauhva
4.	Phungrual an tin anga – Laithangpuia
II. THU (PROSE)	
1.	Zoram Indopui Pahnihna – C. Chhuanvawra
2.	Thlaa Lawn – A. Sawihlira
III. FICTION LEH DRAMA	
1.	Fiction: Lali – Biakliana

CLASS – XI NEPALI (MIL)

CONTENT REMOVED
SECTION A: LITERATURE
<ol style="list-style-type: none"> 1. Story <ol style="list-style-type: none"> i) Madhu - Indra Sundas 2. Essay <ol style="list-style-type: none"> i) Virharu - Laximi Prasad Devkota ii) Hamro Sanskriti - Krishna Prasad Gewali 3. Poetry <ol style="list-style-type: none"> i) Nav Yuvak - Madhav Ghimire ii) Vidyarthi Sita - Mani Singh Thapa

CLASS – XII NEPALI (MIL)

CONTENT REMOVED
SECTION A: LITERATURE
I. PROSE
<ol style="list-style-type: none"> 1. Shatru – Vishweshwar Prasad Koirala 2. Kaikei – Balkrishna Sama
II. ESSAY
<ol style="list-style-type: none"> 1. Gundruk Ko Pukar – Rudra Raj Pandey
SECTION B: GRAMMAR
<ol style="list-style-type: none"> 1. Vachan 2. Karak Ra Vivakti 3. Paryawachi Shabda
SECTION D: COMPOSITION & TRAINING
<ol style="list-style-type: none"> 1. Letter writing <ol style="list-style-type: none"> i) Vyaparik ii) Smarak Patra

CLASS – XI ASSAMESE (ELECTIVE)**CONTENT REMOVED****ESSAY: For Rhetoric and Prosody:**

- i. Chanda – Yati; Parba Carama; Stavaka; Mitakshara and Mital Sakara Pada; Chavi; Dulari; Lechari

CLASS – XI BENGALI (ELECTIVE)

CONTENT REMOVED
<p>POETRY</p> <ol style="list-style-type: none"> 1. Yaser Mandir 2. Sita Devi 3. Samapta
<p>SHORT STORIES</p> <ol style="list-style-type: none"> 1. Sardar O Andar 2. Megh O Roudra

CLASS – XII BENGALI (ELECTIVE)

CONTENT REMOVED
<p>Bibidha Prabadha – Bankim Chaterjee</p> <p>Pieces</p> <ol style="list-style-type: none"> 1. Banglar Nabya Lekhadiger Prati 2. Anukaran
<p>Pre - University Poetry Selection Pieces To Be Read:</p> <ol style="list-style-type: none"> 1. Padukagrahan 2. Satisunya Kailas 3. Sree Kshetre

CLASS – XI GARO (ELECTIVE)

CONTENT REMOVED	
I. PROSE	<p>The pieces are:</p> <p>“Gamma Geani Bidingo A chikrangni Manianirang”</p> <ol style="list-style-type: none"> 1. Rama krita baaa bakchata ba den bilsia ba wa cheng balrroa 2. Rongchu gala ba wanna stita gnri janggia 3. Me gap raona ba ja pang ra a ba ja megapa
II. POETRY	<p>The pieces are:</p> <ol style="list-style-type: none"> 1. Nokgipani Pattia - Phoebe W. Momin 2. Kasaa - Keneth Momin
III. GRAMMAR	Bak I

CLASS – XII GARO (ELECTIVE)

CONTENT REMOVED	
I. PROSE	<p>Maniani Bidik by Mihir N. Sangma</p> <ol style="list-style-type: none"> 1. Asi Malja
II. DAKMESOKANI (ONE ACT PLAY)	<p>Dak Ge*sao Dakmesokani by Viola Sonachi B. Sangma</p> <ol style="list-style-type: none"> 1. Watanggimin Ripeng
III. GRAMMAR	A'chik Grammar Bak IV by E. G. Phillips

CLASS – XI HINDI (ELECTIVE)

CONTENT REMOVED
PROSE <ol style="list-style-type: none">1. Dakshin Ganga Godavari – Kaka Kalekar2. Gehun Banam Gulab – Ramvriksha Banipuri

CLASS – XII HINDI (ELECTIVE)

CONTENT REMOVED
PROSE <ol style="list-style-type: none">1. Kachcha Chhitha by Brajmohan Vyas2. Doosra Devdas by Mamta Kalia
POETRY <ol style="list-style-type: none">1. Devsena Ka Geet - Jaishankar Prasad2. Bharat Ram ka Prem by Tulsidas3. Barahmasa by Malik Muhammad Jayasi
RAPID READER <ol style="list-style-type: none">1. Biskohar Ki Mati Vishwanath Tripathi2. Apna Malwa by Prabhash Joshi
GRAMMAR <ol style="list-style-type: none">1. Alankar

CLASS – XI KHASI (ELECTIVE)

CONTENT REMOVED
<p>PROSE</p> <ol style="list-style-type: none"> 1. Ki Snap Ka Bishar Bniah by H. W. Sten, B. L. Swer and B. War <ol style="list-style-type: none"> i) Sonnet ii) Epik iii) Ka parom lyngkot (Short story)
<p>POETRY</p> <ol style="list-style-type: none"> 1. Ka Marynthing Rupa- by L. G Shullai <ol style="list-style-type: none"> i) Talawiar U Sohpetbneng

CLASS – XII KHASI (ELECTIVE)

CONTENT REMOVED
<p>THEORY AND CRITICISM</p> <ol style="list-style-type: none"> 1. Chapter 2
<p>POETRY</p> <ol style="list-style-type: none"> 1. Na Dymmiew Tngen by Edward Dkhar -Chapter 3: "Ka Snap B'la Jah" 2. Ki Sur Shongsbai by K. W. Nongrum -Chapter: "Ka Saia Nongrum"
<p>FOLKLORE</p> <ol style="list-style-type: none"> 1. Chapter XXXVI: "Ka Sunapani" 2. Chapter XXXVIII: "Tiew Lalyngngi Pep Shad"

CLASS – XI MIZO (ELECTIVE)

CONTENT REMOVED
HLA (POETRY) <ol style="list-style-type: none"> 1. German Run Zai 2. Abor Rim Zai 3. Japan Ral Len Hla 4. Mi ZawnInchuh - James Dokhuma 5. Thlawhhma Hla - Romani
THU (PROSE) <ol style="list-style-type: none"> 1. Hri Dai Theu - C. Vanlallawma 2. Mizo Thangval Rual Leh Japan Ral - Zokima
THAWNTHU (SHORT STORY) <ol style="list-style-type: none"> 1. Leitlang Dingdi - C. Thuamluaia
LEMCHAN (PLAYS) <ol style="list-style-type: none"> 1. Diktea Vahvaihna – C. Lalsiamthanga

CLASS – XII MIZO (ELECTIVE)

CONTENT REMOVED
HLA (POETRY) <ol style="list-style-type: none"> 1. Chawngchen Zai -Hla 8 2. Zun - C. Chhuanvawra 3. Ka Awmkhawhar Changin–Zasiama
THU (PROSE) <ol style="list-style-type: none"> 1. Mizo, Hnam Leh Sakhua - Lai Rinawma 2. Nihawi Par –Vanneihthuanga 3. America Ram Ha Hmuh Dan -R. Vanlawma
FICTION <ol style="list-style-type: none"> 1. Lai Hlau Lo Thi – Lalzuia Colney
DRAMA <ol style="list-style-type: none"> 1. The Taming of the Shrew -P. L. Liandinga (Lehlin)

CLASS – XI NEPALI (ELECTIVE)

CONTENT REMOVED	
I. POETRY	
	<ol style="list-style-type: none"> 1. Jabiko Chara- Uddha Prasad Mishra 2. Manish Chainan- Siddicharan Shrestha
II. PROSE (STORY)	
	<ol style="list-style-type: none"> 1. Sahid- Guru Prasad Mainali
III. PROSE (ESSAY)	
	<ol style="list-style-type: none"> 1. Lok Sahityama Sawai Ko Sthan- Shiv Kumar Rai

CLASS – XII NEPALI (ELECTIVE)

CONTENT REMOVED	
I. GRAMMAR	
Chapters : Wachya, Shabdabibhao, Karak Ra Vivakti	

CLASS – XI ELECTIVE ENGLISH

CONTENT REMOVED
I. SHORT STORIES
1. The Night The Ghost Got in – by James Thurber
II. SHORT PLAYS
1. The Carrier Pigeon – by Eden Phillpoots 2. The Conspiracy – by Robert Barr and Sydney Ransom

CLASS – XII ELECTIVE ENGLISH

CONTENT REMOVED
1. PROSE
1. The conquest of Malaria- T.C. Bridges and H.H. Tiltman
2. POETRY
1. The Highwayman - Alfred Noyes

CLASS – XI POLITICAL SCIENCE

CONTENT REMOVED
UNIT IV
1. Forms of Government and Structure of Government

CLASS – XII POLITICAL SCIENCE

CONTENT REMOVED
COURSE III: POLITICAL THEORY (II)
UNIT I Key Concepts:
<ol style="list-style-type: none"> 1. Justice: The varied meaning of justice; kinds of justice – natural, social, economic, political, legal. 2. Citizenship – meaning of citizenship; legal and moral aspects of citizenship; similarities and differences between citizen and aliens; citizens and nationals; method of acquiring citizenship – by birth and by naturalization; double citizenship; loss of termination of citizenship.
UNIT II The Electorate: meaning and basis of franchise;
System of Representation; Kinds of Representation – Proportional (Hare system & List system), Functional, Territorial, Communal, and their merits and demerits.
UNIT III Major Contemporary Political Theories
Liberalism: Its meaning and essence; classical or negative Liberalism and contemporary or positive Liberalism and the shift from classical Liberalism.
UNIT VII India and the world:
India's approach to major world issues like Disarmament, Human Rights and Globalisation.

CLASS – XI HISTORY**CONTENT REMOVED****THEME: I****EARLY SOCIETIES****1. From the Beginning of Time****Focus:** Africa, Europe till 15000 BC

- a) Views on the origin of human beings
- b) Early societies day hunter - gatherer societies.

Debate on present – day hunter- gatherer societies

2. Early Cities**Focus:** Iraq, 3rd millennium BC

- (a) Growth of towns
- (b) Nature of early urban societies

Debate on the uses of writing

THEME: II**EMPIRES****1. Nomadic Empires****Focus:** The Mongol, 13th to 14th century

- (a) The nature of nomadism
- (b) Formation of empires
- (c) Conquests and relations with other states

Debate on nomadic societies and state formation

THEME: IV**PATHS TO MODERNIZATIONS****9. Displacing Indigenous People****Focus:** on North America and Australia, 18th - 20th century.

- (a) European colonists in North America and Australia.
- (b) Formation of White settler societies.
- (c) Displacement and repression of local people.

Debate on the impact of European settlement on indigenous populations.

11. Paths to Modernization**Focus** on East Asia. Late 19th and 20th century.

- a) Militarization and economic growth in Japan.
- b) China and the Communist alternative.

Debate on the meaning of Modernization

CLASS – XII HISTORY

CONTENT REMOVED

THEME: II**Political and Economic History: How Inscriptions tell a story**

Story of discovery: Inscriptions and the decipherment of the script. Shifts in the understanding of political and economic history.

Excerpt: Asokan inscription and Gupta period land grant.

Discussion: Interpretation of inscriptions by historians

THEME: III**Use of Literary Sources in Reconstructing Social History**

Broad overview: Issues in social history, including caste, class, kinship and gender.

Story of discovery: How the Vedas, Puranas, Upanishads and the Mahabharata were discovered.

Excerpt: from the *Mahabharata*, illustrating how it has been used by historians.

Discussion: Other sources for reconstructing social history

THEME: V**The Evolution of South Indian Architecture from the Pallavas, Chola, Chalukya and Vijayanagar Period.**

Outlines only

THEME: VIII**Religious Histories: Bhakti-Sufi tradition**

Broad Overview: (a) Outline of religious developments during this period, (b) Ideas and practices of the Bhakti-Sufi saints.

Story of Transmission: How Bhakti-Sufi compositions have been preserved.

Excerpt: Extracts from selected Bhakti-Sufi works.

Discussion: Ways in which these have been interpreted by historians.

THEME: IX**Medieval Society Through Travellers' Accounts**

Broad Overview: Outline of social and cultural life as they appear in traveller's accounts.

Story of their writings: A discussion of where they travelled, why they travelled, what they wrote, and for whom they wrote.

Excerpt: from Alberuni, Ibn Batuta and Bernier.

Discussion: What these travel accounts can tell us and how they have been interpreted by historians

THEME: XI**Colonialism and Indian Towns: Town Plans and Municipal Reports**

Broad Overview: The growth of Mumbai, Chennai, hill stations and cantonments (including Shillong) in the 18th and 19th century.

Excerpts: Photographs and paintings. Plans of cities. Extract form town plan reports.

Focus on Kolkata town planning.

Discussion: How the above sources can be used to reconstruct the history of towns. What these sources do not reveal.

THEME: XV

Partition, Transfer of Power and Making of the Constitution

Focus: (a) How Communalism worked in Punjab and Bengal, (b) The making of the Indian Constitution (1946 - 1950).

Excerpts: From the Newspaper, reports and constituent Assembly Debates.

Discussion: How such sources reveal and how they can be analyzed.

CLASS – XI PHILOSOPHY

CONTENT REMOVED
<p>UNIT- I</p> <p>CHAPTER 2: LAWS OF THOUGHT</p> <ul style="list-style-type: none">-Law of Identity.-Law of Contradiction.-Law of Excluded Middle.-Law of Sufficient Reason. <p>CHAPTER 3: TERMS</p> <ul style="list-style-type: none">-Division of Terms.-Logical character of terms.
<p>UNIT: III</p> <p>CHAPTER 10: IMMEDIATE INFERENCE</p> <ul style="list-style-type: none">-Contraposition.-Inversion. <p>CHAPTER 11: SYLLOGISM</p> <ul style="list-style-type: none">-Moods of syllogism.-Determination of Valid Moods of First, Second, Third and Fourth Figures and their Special Rules.-Reduction: Direct and Indirect
<p>UNIT- V</p> <p>PHILOSOPHY</p> <ul style="list-style-type: none">-Scope of Philosophy.-Branches of Philosophy.-Relation of Philosophy to Logic

CLASS – XII PHILOSOPHY

CONTENT REMOVED
UNIT I: (Inductive Logic) CHAPTER 1: INDUCTION <ul style="list-style-type: none">i) Parity of Reasoning.ii) Colligation of Facts. CHAPTER 9: <ul style="list-style-type: none">i) Laws of Nature: Axioms, Primary Laws and Secondary Laws
UNIT II: (Inductive Logic) CHAPTER 2: GROUND OF INDUCTION <ul style="list-style-type: none">i) The Law of Causation.ii) Cause and Condition.iii) Paradox of Induction.
UNIT III: (Experimental Methods and Hypothesis) CHAPTER 4: HYPOTHESIS <ul style="list-style-type: none">i) Forms of Hypothesis. CHAPTER 5: EXPERIMENTAL METHODS <ul style="list-style-type: none">i) The Joint Method of Agreement and Difference.ii) The Method of Concomitant Variations.iii) The Method of Residues.
UNIT V: Philosophy PHILOSOPHY <ul style="list-style-type: none">i) Definition of Philosophy with Reference to Indian Philosophy.

CLASS – XI GEOGRAPHY

CONTENT REMOVED	
UNIT II: The Earth	
1.	Interior of the Earth i) Direct & Indirect source
2.	Distribution of Continents and Oceans i) The Concept of Sea floor Spreading ii) Plate Boundaries
UNIT III: Landforms	
1.	Geomorphic Processes i) Mass Wasting
2.	Landforms and their Evolution i) Erosional Landforms. ii) Factors Affecting Erosional work of a River. iii) Erosional work of Underground water. iv) Depositional work of underground water. v) Waves and Currents and their Landforms.
UNIT IV: Climate	
1.	Insolation i) Angle of incidence and distribution ii) Horizontal and Vertical Distribution of temperature
2.	Pressure and wind i) Seasonal Distribution. ii) Air Masses and Fronts
3.	World Climate i) Climate Classification of Thornthwaite.
UNIT V: Water (Oceans)	
1.	Oceans i) Submarines relief, distribution of temperature
2.	Movement of ocean water i) Ocean waves and its causes. ii) Tides: Types and its importance
3.	Submarines Relief i) Oceans: Five oceans
UNIT VI: Life On Earth	
1.	Biosphere i) Biochemical cycles. ii) Ecological balance
2.	Biodiversity and conservation i) Economic role of Biodiversity. ii) Scientific role of Biodiversity
B. India – Physical Environment	
UNIT II: Physiography	
1.	Geomorphological Divisions of the Himalayas
2.	Drainage systems

<ul style="list-style-type: none"> i) Classification of Indian drainage. ii) Evolution of the Indian River system. iii) The Differences between the Himalayan river system and The Peninsular river system
UNIT III: Climate, Vegetation and Soil
<ul style="list-style-type: none"> 1. Unity and diversity in the Indian Monsoon Climate 2. The Rhythm 3. Annual Rainfall 4. Global Warming
UNIT IV: Natural Hazards and Disasters
<ul style="list-style-type: none"> 1. Earthquakes, Tsunami

CLASS – XII GEOGRAPHY

CONTENT REMOVED
A. Fundamental of Human Geography
UNIT I: Human Geography: Nature and Scope
<ul style="list-style-type: none"> 1. Geography through the corridor of Time or history of Human Geography. 2. Fields and Sub Fields of Human Geography.
UNIT II: People
<ul style="list-style-type: none"> 1. The world Population: Distribution, Density and Growth <ul style="list-style-type: none"> i) Patterns of World Population Distribution. i) Population Density. ii) Trends in Population Growth. iii) Doubling Time of World Population. iv) Spatial Pattern of Population Change. v) Population Control measures 2. Population Composition <ul style="list-style-type: none"> i) Age – Sex pyramid. ii) Rural – Urban Composition 3. Human Development <ul style="list-style-type: none"> i) Approaches to Human Development ii) International Comparisons
UNIT III: Human Activities
<ul style="list-style-type: none"> 1. Primary activities <ul style="list-style-type: none"> i) Mediterranean, Market Gardening ii) Factory Farming and Types Farming according to Farming

<p>2. Secondary Activities</p> <ul style="list-style-type: none"> i) Characteristics of Modern Large scale manufacturing. ii) Traditional Large scale Industrial region. iii) Concept of High Technology: Technopoles. iv) Sillicon valley <p>3. Tertiary and Quaternary Activities</p> <ul style="list-style-type: none"> i) Factors affecting Transport Services. ii) Informal / Non formal Sector. iii) Medical Services for Overseas.
UNIT IV: Transport, Communication and Trade
<p>1. International trade</p> <ul style="list-style-type: none"> i) History of International ii) Important aspects of international trade. iii) Concern related to International Trade.
UNIT V: Human Settlement
<ul style="list-style-type: none"> 1. Factors Affecting location of settlement. 2. Types of urban settlements
B. India People and Economy
UNIT I: People
<ul style="list-style-type: none"> 1. Growth of Adolescent population 2. Population Composition of Urbanisation 3. Compositions structure
UNIT II: Human settlements
<ul style="list-style-type: none"> 1. Urban settlements - types and distribution
UNIT III: Resource and development
<p>1. Land resources</p> <ul style="list-style-type: none"> i) Development and problems <p>2. Industries</p> <ul style="list-style-type: none"> i) Changing pattern of selected industries - cotton textiles, knowledge - based industries ii) Impact of liberalization, privatization and globalization on industrial location.

CLASS – XI EDUCATION
CONTENT REMOVED

SECTION I - EDUCATION

1. Levels of Education

- i) Educational ladder — Elementary, Secondary, Higher Education (meaning and objectives)

2. Constitutional Provisions Relating to Education

- i) Development of Hindi
- ii) Higher Education & Research

3. Sociology and Education

- i) Meaning and definition of Educational Sociology
- ii) Relationship between Sociology and Education
- iii) Sociological bases of Education
- iv) Importance of Educational Sociology

SECTION II – PSYCHOLOGY OF EDUCATION

1. Psychology of Education

- i) Nature and Scope of Educational Psychology

2. Learning and Motivation

- i) Role of Motivation in learning – classroom incentives, competition

CLASS – XII EDUCATION

CONTENT REMOVED

SECTION I - EDUCATION

1. Curriculum

- i) Principles of Curriculum Construction
- ii) Approaches to Curriculum Development

2. Educational Technology

- i) Aspects and Steps of Educational Technology

SECTION II – PSYCHOLOGY

1. Attention and memory

- i) Enhancing Memory

2. Thinking and Reasoning

- i) Concept and Nature of Thinking.
- ii) Conditions that Stimulate Thinking.
- iii) Reasoning: Concept and Steps in Reasoning
- iv) Training in Thought and Reasoning

CLASS – XI HOME SCIENCE

CONTENT REMOVED
UNIT I: CHEMISTRY <ol style="list-style-type: none">1. Basic concepts of Chemistry: Atom, Molecule, Symbol, Valency.2. Hydrogen ion concentration, Law of Mass action, Dissociation of water pH scale3. Organic Chemistry<ol style="list-style-type: none">i) Tetravalency of carbon, structure of carbon atomii) Functional groups and Homologous series4. Biomolecular<ol style="list-style-type: none">i) Fatty acids: Saturated and unsaturated fatty acids
UNIT II: HUMAN DEVELOPMENT <ol style="list-style-type: none">1. Infancy (0-1 years):<ol style="list-style-type: none">i) Emotional Development: (fear, anger, joy, pleasure, tempers tantrum's)2. Early childhood (1-4 yrs)<ol style="list-style-type: none">i) Personality and Moral development3. Late Childhood (4 - 12 years)<ol style="list-style-type: none">i) Development of creativity, Personality and Moral development.4. Adolescence (12 - 18 years)<ol style="list-style-type: none">i) Personality development, Moral development
UNIT III: FAMILY RESOURCE MANAGEMENT <ol style="list-style-type: none">1. My house and Its Care<ol style="list-style-type: none">i) Cleaning equipments. Household pests and their prevention2. Resources and their Management Meaning<ol style="list-style-type: none">i) Family resources and their management3. Household Equipments<ol style="list-style-type: none">i) Kerosene, stove, heaters,
PRACTICALS <ol style="list-style-type: none">1. CHEMISTRY Determination of pH using pH meter of<ol style="list-style-type: none">i) Waterii) Given Solution

CLASS – XII HOME SCIENCE

CONTENT REMOVED
I. Community Development and Services (Theory)
1. Food Laws and Food Standards
i) Voluntary agencies.
2. Kitchen Gardening
i) Selection of Rabi and Kharif crops Selection of manures
III. Food and Nutrition (Theory)
Food Guide. (3,4, 5, 7,9 and 11)

CLASS – XI GEOLOGY

CONTENT REMOVED
<p>UNIT I: General Geology</p> <ol style="list-style-type: none"> 1. Geology: <ol style="list-style-type: none"> i) Scope 2. Geological Time Scale <ol style="list-style-type: none"> i) Principle of Order of Superposition; Principle of Original Horizontality, Principle of Uniformitarianism. 3. Earthquakes <ol style="list-style-type: none"> i) Classification ii) Interpretation of the Earth's interior with the help of seismic waves 4. Volcanoes: <ol style="list-style-type: none"> i) Types and products of volcanoes
<p>UNIT II: Crystallography and Mineralogy</p> <ol style="list-style-type: none"> 1. Study of the Normal class of the following systems <ol style="list-style-type: none"> i) Hexagonal 2. Elementary knowledge of optical mineralogy <ol style="list-style-type: none"> i) Nicol Prism
<p>UNIT III: Structural Geology and Geotectonic:</p> <ol style="list-style-type: none"> 1. Rock deformation <ol style="list-style-type: none"> i) Rigid and non-rigid body deformation 2. Basic structural elements <ol style="list-style-type: none"> i) (linear and planar structures) and their measurement - trend, plunge, rake/pitch 3. Folds <ol style="list-style-type: none"> i) Inflection point, median surface. ii) Open folds, tight folds, isoclinal folds iii) Plunging and non plunging folds iv) Overturned folds, concentric folds, similar folds. 4. Faults <ol style="list-style-type: none"> i) Shear zone ii) Hade, heave, throw 5. Joints <ol style="list-style-type: none"> i) Master joints, systematic and non - systematic joints
<p>UNIT IV: Igneous Petrology</p> <ol style="list-style-type: none"> 1. Magma <ol style="list-style-type: none"> i) Unicomponent and binary system 2. Igneous Rocks <ol style="list-style-type: none"> i) Forms
<p>UNIT V: Metamorphic Petrology</p> <ol style="list-style-type: none"> 1. Riecke's principle. 2. Metamorphic facies

CLASS – XII GEOLOGY

CONTENT REMOVED
<p>UNIT I: Sedimentology</p> <ol style="list-style-type: none"> 1. Processes of formation of sedimentary rocks <ol style="list-style-type: none"> i) Disintegration and decomposition, transportation, deposition, diagenesis and lithification. 2. Structures of sedimentary rocks <ol style="list-style-type: none"> i) Rain prints ii) Flute casts, load casts, nodules and concretions 3. Genetic classification of sedimentary rocks <ol style="list-style-type: none"> i) Rudaceous, arenaceous and argillaceous
<p>UNIT II: Paleontology</p> <ol style="list-style-type: none"> 1. Habits and habitats of organisms. 2. Morphological study of the following phyla <ol style="list-style-type: none"> i) Gastropoda and Cephalopoda 4. Study of the following Gondwana flora <ol style="list-style-type: none"> i) Vertebraria and Ptillophyllum
<p>UNIT III: Stratigraphy</p> <ol style="list-style-type: none"> 1. A brief idea of Stratigraphic correlation
<p>UNIT IV: Mineral and Energy Resources</p> <ol style="list-style-type: none"> 1. Mineral Resources: definition and its importance 2. Genetic classification of mineral deposits- Primary (Syngenetic and Epigenetic) and Secondary deposits 3. Study of the mode of occurrence, distribution in India and uses of the following mineral resources: Galena, chalcopyrite 4. Energy Resources: sources and types 5. Study of the mode of occurrence, distribution in India and uses of the radioactive minerals
<p>UNIT V: Engineering Geology, Groundwater, Environment and Disaster Studies</p> <ol style="list-style-type: none"> 1. Groundwater <ol style="list-style-type: none"> i) Occurrence 2. Environment <ol style="list-style-type: none"> i) Definition and components 3. Disasters <ol style="list-style-type: none"> i) Earthquakes - effects and mitigation

CLASS – XI ANTHROPOLOGY

CONTENT REMOVED
UNIT I: Anthropology: The Study of Human Relationship of Anthropology with Geography
UNIT II: Man’s place in the Animal Kingdom Evolutionary changes in Primate (upright posture and bipedalism)
UNIT III: Human Evolution Stages of Evolution (Prosimii to Hominoid, Hominoid to Hominid).
UNIT IV Theories of Evolution i) Theory of Lamarck (Lamarckism.) ii) Theory of Darwin (Darwinism). iii) Mutation Theory (Hugo De Vries).
Part II – Theory
UNIT I: Culture and Society Ethnocentrism, Cultural-Relativism and Xenophobia.
UNIT III: Social Groups Fission and Segmentation of social groups.
UNIT IV: Religious Aspect of Culture 1. Function of Magic 2. Relationship between Magic and Religion.
UNIT V: Economic Aspect of Culture 1. System of Exchange- Reciprocity, Redistribution and Market.
UNIT VI: Fieldwork in Anthropology 1. Development and significance of fieldwork.

CLASS – XII ANTHROPOLOGY

CONTENT REMOVED
PART I - THEORY
UNIT I Hominid Evolution
<ol style="list-style-type: none"> 1. Australopithecine. 2. Homo-Erectus. 3. Homo-Neanderthal
PART I - THEORY
UNIT II Human Cultural Evolution
<ol style="list-style-type: none"> 1. Emergence of life on earth, geological time-scale and cultural chronology. 2. Nature, causes and Evidences of Glaciation. 3. Bio-cultural Mechanism behind the evolution of man.
UNIT IV Political Aspect of Society
<ol style="list-style-type: none"> 1. Traditional Political structure in tribal societies. 2. Sanctions and Taboo, Customary Law and Statutory Law. 3. Justice and Punishment in tribal societies.
UNIT V Gender and Culture
<ol style="list-style-type: none"> 1. Gender roles and socialization. 2. Women in the Public and Private domain.
UNIT VI Indian Society
<ol style="list-style-type: none"> 1. Origin and Formation of Caste

CLASS – XI STATISTICS

CONTENT REMOVED
<p>GROUP-A</p> <p>1. Algebra: Permutation and combination (Theorems with proofs and simple examples): Binomial theorem for a positive integral index (without proof): simple examples on Binomial co-efficients, logarithms. Exponential and logarithmic series with simple examples (without proof).</p> <p>2. Finite Differences Lagrange's formula (Numerical application of Lagrange's formula not required).</p>
<p>GROUP-C</p> <p>1. Descriptive Statistics: Definition, scope and limitations of Statistics;</p> <p>2. Vital Statistics: Death rates and mortality rates.</p>

CLASS – XII STATISTICS

CONTENT REMOVED
<p>GROUP-A</p> <p>2. Standard distribution: Poisson Distribution</p>
<p>GROUP-B</p> <p>Index Numbers: Construction and use of index numbers; Simple and weighted relative of aggregates and averages of relatives; Laspeyre's, Paasche's, Marshall Edgeworth's and Fisher's formulae.</p>

CLASS – XI SOCIOLOGY

CONTENT REMOVED
<p>UNIT V: Practical Sociology: Methods & Techniques</p> <ol style="list-style-type: none"> 1. Tools and Techniques: Observation, Survey, Interview 2. The Significance of Field Work in Sociology
<p>UNIT VI: Structure, Process and Stratification</p> <ol style="list-style-type: none"> 1. Social Structure 2. Social Processes: Cooperation, Competition, Conflict 3. Social Stratification: Class, Caste, Race, Gender
<p>UNIT VIII: Environment And Society</p> <ol style="list-style-type: none"> 1. Ecology and Society 2. Environmental Crises and Social Responses

CLASS – XII SOCIOLOGY

CONTENT REMOVED
<p>UNIT IV: Market As A Social Institution</p> <ol style="list-style-type: none"> 1. Market as a Social Institution
<p>UNIT X: The Story Of Democracy</p> <ol style="list-style-type: none"> 1. The Constitution as an instrument of Social Change 2. Parties, Pressure Groups and Democratic Politics 3. Panchayati Raj and the Challenges of Social Transformation
<p>UNIT XIII: Globalisation And Social Change</p>
<p>UNIT XIV: Mass Media And Communication Process</p>

CLASS – XI PSYCHOLOGY

CONTENT REMOVED
<p>UNIT I: Introduction to Psychology</p> <ol style="list-style-type: none"> 1. Basic concepts: Person, States of Consciousness: Sleep and Wakefulness and altered States of Consciousness, Behaviour and Experience 2. Similarities and variations in psychological attributes 3. Evolutionary, cultural and positive psychologies
<p>UNIT II: Methods of Psychology</p> <ol style="list-style-type: none"> 1. Psychological tools: Tests, Questionnaires and gadgets 2. Qualitative Methods, Quantitative Analysis of data
<p>UNIT III: The Bases of Human Behaviour</p> <ol style="list-style-type: none"> 1. Evolutionary perspective on human behaviour; Biological and cultural roots 2. Structure and relationship of with behaviour and experience 3. Genetic bases of behaviour 4. Diversity and pluralism in the Indian context
<p>UNIT V: Sensory and Perceptual Processes</p> <ol style="list-style-type: none"> 1. Perceptual constancy, Illusions, Person perception; Socio-cultural influences on perception
<p>UNIT VI: Learning</p> <ol style="list-style-type: none"> 1. Transfer of learning: Types and Applications, Learning styles: 2. Some Applications of learning principles
<p>UNIT VII: Human Memory</p> <ol style="list-style-type: none"> 1. Knowledge representation and organisation in memory; Memory as a constructive process; memory and emotions; prospective memory
<p>UNIT VIII: Language and Thought</p> <ol style="list-style-type: none"> 1. Stages of cognitive development: Introduction to the ideas of Piaget and Vygotsky
<p>UNIT IX: Motivation and Emotion</p> <ol style="list-style-type: none"> 1. Emerging concepts: Competence, Self-efficacy and Intrinsic Motivation

CLASS – XII PSYCHOLOGY

CONTENT REMOVED
<p>UNIT I: Intelligence and Aptitude</p> <ol style="list-style-type: none"> 1. Aptitude: Nature and types 2. Assessment of psychological attributes, dynamic assessment.
<p>UNIT III: Human Strengths and Meeting Life Challenges</p> <ol style="list-style-type: none"> 1. Life challenge and adjustment; 2. Concept of adaptation; 3. Human strengths and virtues:
<p>UNIT IV: Psychological Disorders</p> <ol style="list-style-type: none"> 1. Classification of disorder, Major psychological disorders <ol style="list-style-type: none"> i. Somato-form Dissociative
<p>UNIT V: Therapeutic Approaches and counseling</p> <ol style="list-style-type: none"> 1. Types of therapies <ol style="list-style-type: none"> i) Behaviour 2. Counselling Prevention of mental disorder
<p>UNIT VI: Attitude and Social Cognition</p> <ol style="list-style-type: none"> 1. Explaining behaviour through attributions; Social cognition; Schemas and stereotypes; Impression formation
<p>UNIT VIII: Environmental and Social Concerns</p> <ol style="list-style-type: none"> 1. Human- environment relationship; Environmental effects on human behaviour. Noise, pollution, crowding, natural disasters, social issue 2. Human rights and citizenship; Peace
<p>UNIT IX: Applied Psychology</p> <ol style="list-style-type: none"> 1. Sports 2. Education 3. Communication 4. Organisation

CLASS – XI PHYSICAL EDUCATION

CONTENT REMOVED
<p>UNIT I. Physical Fitness, Wellness and Lifestyle Theory</p> <ol style="list-style-type: none"> 1. Factors affecting Physical Fitness and Wellness 2. Components of Positive lifestyle
<p>UNIT II. Changing Trends and Career in Physical Education</p> <ol style="list-style-type: none"> 1. Development of Physical Education- Post Independence
<p>UNIT III. Olympic Movement</p> <ol style="list-style-type: none"> 1. Dronacharya Award, Arjuna Award and Rajiv Gandhi Khel Ratna Award 2. Organisational set-up of CBSE Sports and Chacha Nehru Sports Award
<p>UNIT IV. Yoga</p> <ol style="list-style-type: none"> 1. Yoga as an Indian Heritage
<p>UNIT V. Doping</p> <ol style="list-style-type: none"> 1. Testing – in competition and Out-of-Competition
<p>UNIT VII. Test and Measurement in Sports</p> <ol style="list-style-type: none"> 1. Calculation of BMI and Waist - Hip Ratio 2. Procedures of Anthropometric Measurement - Height, Weight, Arm and Leg Length and Skin Fold
<p>UNIT IX: Biomechanics and Sports</p> <ol style="list-style-type: none"> 1. Levers and its types and its application in Sports
<p>UNIT X. Psychology and Sports</p> <ol style="list-style-type: none"> 1. Define and differentiate between 'Growth and Development' 2. Developmental characteristics at different stage of development
<p>UNIT XI: Training in Sports</p> <ol style="list-style-type: none"> 1. Skill, Technique and Style

CLASS – XII PHYSICAL EDUCATION

CONTENT REMOVED
<p>UNIT I: Sports Environment and Society</p> <ol style="list-style-type: none"> 1. Essential elements of positive sports environment 2. Role of Spectators and media in creating positive sports environment
<p>UNIT II: Adventure Sports and Leadership Training</p> <ol style="list-style-type: none"> 1. Types of activities - Camping, Rock Climbing, Tracking, River Rafting and Mountaineering 2. Material requirement and safety measures
<p>UNIT III: Sports and Nutrition</p> <ol style="list-style-type: none"> 1. Balanced Diet and Nutrition: Macro and Micro Nutrients
<p>UNIT IV: Planning in Sports</p> <ol style="list-style-type: none"> 1. Various Committees and its responsibilities 2. Procedure to draw Fixtures - Knock-Out (Bye and Seeding) and League (Staircase and Cyclic)
<p>UNIT V: Postures</p> <ol style="list-style-type: none"> 1. Advantages of correct posture
<p>UNIT VI: Children and Sports</p> <ol style="list-style-type: none"> 1. Advantages and disadvantages of weight training and food supplement for children
<p>UNIT VII: Test and Measurement in Sports</p> <ol style="list-style-type: none"> 1. Rikli and Jones - Senior Citizen Fitness Test <ol style="list-style-type: none"> i) Chair Stand test for lower body strength ii) Arm Curl test for upper body strength iii) Chair Sit and Reach test for lower body flexibility iv) Back Scratch test for upper body flexibility v) Eight Foot Up and Go test for agility vi) Six minute walk test for Aerobic Endurance
<p>UNIT VIII: Physiology and Sports</p> <ol style="list-style-type: none"> 1. Physiological changes due to ageing and roll of regular exercise on ageing process.
<p>UNIT IX: Biomechanics and Sports</p> <ol style="list-style-type: none"> 1. Introduction to Work, Power and Energy 2. Mechanical Analysis of Walking and Running
<p>UNIT X: Psychology and Sports</p> <ol style="list-style-type: none"> 1. Coping Strategies - Problem Focused and Emotional focused