सत्यमेव जयते
Govt of Meghalaya

REVISED ADJUSTED ACADEMIC CALENDAR

FOR CLASSES XI-XII (ARTS)

2020-21

Directorate of Educational Research and Training (DERT),
Education Department



REVISED ADJUSTED ACADEMIC CALENDAR FOR CLASSES XI – XII (ARTS)

2020-21

Directorate of Educational Research and Training
Arbuthnot Road, Nongrimmaw, Laitumkhrah,
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Foreword

The State of Meghalaya has been facing tremendous challenges owing to the nationwide lockdown due to COVID-19 pandemic which has resulted in the closure of all educational institutions. This has led to learning losses among learners especially in the rural pockets of the State. As a result, the Education Department has given utmost priority to mitigate learning losses which can limit educational progress and learners transitioning from upper primary to secondary and from secondary to tertiary and higher education. To ensure continuous and minimum levels learning, the Directorate of Educational research & Training (DERT) developed the Academic Calendar for Classes XI – XII in close consultation with schoolteachers and subject experts. The Academic Calendar may be implemented in all MBOSE schools of Meghalaya for the session 2020-21.

The Adjusted Academic Calendar was developed by Professional Learning Community (PLC) members comprising of school and college teachers from various institutions drawn from different districts of the State. A review of the MBOSE Arts course content in different subject areas for Classes XI to XII was undertaken with a focus on reducing the syllabi load and content by retaining only key essentials. All activities were undertaken under the guidance of the State Resource Group (SRG) comprising of distinguished school leaders, subject experts, teachers, teacher educators, curriculum developers and experienced educational administrators.

The Adjusted Academic Calendar for the higher secondary level focuses distinctly on core competencies, concepts and knowledge areas in the various subjects covered in Classes XI and XII, including Modern Indian Languages (MIL) and Elective Languages (EL). However, strategies for teaching have not been incorporated in the document. It is recommended that the Alternative Academic Calendar for the higher secondary level brought out by NCERT may be referred to for model instructional activities.

Schools and teachers are to use this document to prepare for students' continuous learning through unit and lesson planning, communicating with parents all lesson targets, planning activities for Project Based Learning (PBL), online lessons, offline learning, developing reading materials, and other learning resources.

This document is an outcome of the collaborative efforts of the specially constituted State Resource Group (SRG), the DERT Task Team, school, and college teachers from across the State. In view of this, I am hopeful that schools will be able roll out teaching - learning activities with a view to mitigate learning losses and ensure minimum levels of learning during these challenging times.



Shri D.P. Wahlang (IAS),
Principal Secretary,
Government of Meghalaya,
Education Department.

Acknowledgement

I would like to place on record my sincere gratitude to all the individuals who contributed towards the development and finalization of the Adjusted Academic Calendar (AAC) for Classes XI – XII. Their contributions were noteworthy as the task of drafting the Academic Calendar could not be done through workshops and face to face consultations with subject experts and teachers due to COVID-19 health advisories and protocols.

It may be mentioned that the AAC is the result of the collaborative online academic exercises undertaken between the SRG, the DERT Task Team, school/ college teachers, and teacher educators from across the Districts of Meghalaya.

I specially thank all the teachers and faculty from different schools and colleges of Meghalaya for their contribution towards the development and finalisation of the AAC.

I also thank the Meghalaya Board of School Education (MBOSE) for helping in identifying the subject experts and in providing the courses of study required for the rationalisation exercise.

In this regard, special mention must be made of the support provided by the Meghalaya School Improvement Program (MSIP) Team of District Managers (DM) comprising of Ms. Doreen Shylla, DM East Khasi Hills; Ms. Onika Dhar, DM East Jaintia Hills and Mr. Ahiezer P. Suchiang, DM West Jaintia Hills who helped coordinate all academic activities with the schools as district level point persons. I also thank Mr. Nathan J. Nengnong, Executive Assistant, MSIP and Adriel A.L. Nongpyiur, Office Assistant, MSIP for all the secretarial support. I am also grateful to Mr. Wankitbok Nongbri, Asst. Technician, DERT; Ms. Ibakordor Sumer, Typist, and Mr. Shining Nongkynrih, Typist, DERT for compiling and collating all documents and manuscripts received from schools and colleges.

And finally, none of this would have been accomplished without the hard work put in by the DERT Task Team (for IX – XII) comprising of Dr. David M. Nongrum, Selection Grade Lecturer and Team Leader, Mrs. Libera Lyngdoh, Sr. Grade Lecturer, Dr. Careleen Y. Kharmalki, Lecturer, Dr. Baladiangti Nongbri, Sr. Grade Lecturer, DERT, and Dr. Della G. Soanes, Selection Grade Lecturer.

I also extend my thanks to all the DERT faculty members for their support and assistance throughout the entire exercise.



Shri. P.B. Lartang,
I/c Director,
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Meghalaya, Shillong

Dated: Shillong, 21 August 2020

Guidance Note for Teachers

1. The Adjusted Academic Calendar (AACs) for Classes IX-X & XI-XII (Arts) are based on the MBOSE Courses of Studies, 2018.
2. The AACs consist of two parts – (a) The AAC which comprises of the content retained along with the distribution of marks and suggested number of periods (b) The Portions removed from the MBOSE Courses of Studies, 2018.
3. The number of periods for each Unit/Chapters is indicative.
4. If any school has already covered topics that are not parts of the 'Revised Adjusted Academic Calendar for Classes IX-X & XI-XII (Arts) in the session 2020-21', the same can be assessed internally.
5. Teachers are also advised that if any of the portions removed are required to bridge learning gaps, the same may be taught and assessed internally.

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GENERAL

CLASS – XI ENGLISH CORE

DISTRIBUTION OF MARKS

1.	Prose	25 marks
2.	Poetry	25 marks
3.	Supplementary Reader	15 marks
4.	Grammar & Composition a) Reading Unseen Passages b) Writing c) Grammar & Usage	 10 Marks 10 Marks 15 Marks
	Total	**100 Marks**

UNIT/ CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE:	**12**	**25**
Pieces to be read: 1. The Ailing Planet: The Green Movement's Role- By Nani Palkhivala 2. Giant Despair- By John Bunyan 3. The Portrait of a Lady- By Khushwant Singh		
II. POETRY:	**11**	**25**
Pieces to be read: 1. Kingfisher- By W.H. Davies 2. Childhood- By Marcus Natten 3. In Paths Untrodden- By Walt Whitman		
III. SUPPLEMENTARY READER:	**09**	**15**
Pieces to be read (Any one of the following Pieces): 1. Talking of Space- Report on Planet Three- By Authur. C. Clarke 2. A Devoted Son- By Anita Desai		
IV. GRAMMAR & COMPOSITION:	**16**	**35**
The Prescribed Portions are: 1. Reading-Unseen Passages for (Comprehension and Note Taking in various Topics and situations) 2. Writing- Reports/ Essays/ Letters 3. Grammar & Usage (To put in Objective format only) i) Determiners ii) Tenses iii) Active and Passive Constructions iv) Use of Idioms and Phrases		
TOTAL	**48**	**100**

CLASS – XII ENGLISH CORE

DISTRIBUTION OF MARKS

Prose	25 marks
Poetry	25 marks
Supplementary Reader	15 marks
Grammar & Composition	35 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE	**11**	**25**
Pieces To Be Read: 1. Indigo - by Louis Fischer 2. The Rattrap - by Selma Lagerlof 3. Lost Spring - Stories of Stolen Childhood - by Anees Jung		
II. POETRY	**8**	**25**
Pieces To Be Read: 1. Keeping Quiet - by Pablo Neruda 2. A Thing of Beauty - by John Keats 3. Caring for Animals - by Jon Silkin		
III. Supplementary Reader Pieces To Be Read:	**5**	**15**
1. Enchanting Caves of Meghalaya - by B. D. Kharpran Daly		
IV. GRAMMAR & COMPOSITION	**16**	**35**
Portions To Be Read: **1. Reading** i) Unseen passages of various types (for comprehension, vocabulary enrichment & note taking) **2. Writing** i) Letter writing (formal & informal) ii) Letters of application for a job iii) Essay writing **3. Grammar Usage** i) Transformation of sentences ii) Direct & Indirect Speech iii) Active & Passive Voice iv) Error correction in sentences		
TOTAL	**40**	**100**

CLASS – XI ALTERNATIVE ENGLISH

DISTRIBUTION OF MARKS

1.	Prose	25 marks
2.	Poetry	25 marks
3.	Short Plays	20 Marks
4.	Grammar & Composition d) Reading Unseen Passages((Composition) e) Writing f) Grammar & Usage	 10 Marks 10 Marks 10 Marks
	Total	**100 Marks**

UNIT/ CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE:	**9**	**25**
Pieces to be read: 1. The Face on the Wall-By E.V. Lucas 2. Sparrows-By K.A. Abbas 3. Love Across the Salt Desert - By K.N. Daruwalla		
II. POETRY:	**15**	**25**
Pieces to be read: 1. Laugh and be Merry-By John Masefield 2. Light Shining out of the Darkness-By William Cowper 3. To India-My Native Land-By H.L.V. Derozio		
III. Short Plays:	**5**	**20**
The Prescribed Plays are: 1. Abraham Lincoln-By K.N. Devidas Or 2. Julius Caesar-By William Shakespeare		
IV. GRAMMAR & COMPOSITION:	**11**	**30**
The Prescribed Portions are: 1. **Reading-** (Comprehension)passage with a variety of questions based on vocabulary and comprehension 2. **Writing** - Precis Writing 3. **Grammar & Usage**: 1. Direct/Indirect Speech 2. Use of Prepositions 3. Use of Articles		
TOTAL	**40**	**100**

CLASS – XII ALTERNATIVE ENGLISH

DISTRIBUTION OF MARKS

Prose	25 marks
Poetry	25 marks
Short Plays	20 marks
Grammar & Composition	30 marks
Total	**100 marks**

UNIT/ CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE:	**12**	**25**
1. The Rebellion - George Orwell		
2. Trailing the Jaguar - Willard Price		
3. Growing Up - Joyce Cary		
II. POETRY	**5**	**25**
1. The Soul's Prayer - by Sarojini Naidu		
2. The Education of Nature - by William Wordsworth		
3. Enterprise - by Nissim Ezekiel		
III. SHORT PLAYS	**5**	**20**
1. The Bishop's Candlesticks - by Norman Mckinnell Or 2. Macbeth – by William Shakespeare		
IV. GRAMMAR & COMPOSITION	**15**	**30**
1. Reading		
2. Writing – Precis writing		
3. Grammar & Usage		
i) Correction of grammatical errors in the given sentences		
ii) Active and Passive Voice		
iii) Use of Adverbs		
iv) Modals		
v) One word substitution		
TOTAL	**37**	**100**

CLASS – XI ENVIRONMENTAL EDUCATION

(TO BE ASSESSED INTERNALLY BY AWARDING GRADES)

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Man and Environment	**12**	**20**
Chapter 1: Dimensions of Environment Physical, biological and social dimensions; Environment dimensions; Exchange of heat between the earth and its atmosphere; Physical realms of the earth; The realm of the land; The biological environment; Social Environment		
Chapter 4: Population and Environment		
Meaning and importance of population study; Population theories; World population growth; Population and environmental issues.		
Chapter 5: Impact of Human Activities on the Environment		
Environmental problems of urban and rural areas; Natural Resources and their depletion; Depletion of soil; Depletion of plant resources; Stress on Civic Amenities and Supply of Water; Waste Disposal; Transport; Health Services; Vehicular Emission; Urbanization;		
UNIT II: Environment and Development	**11**	**10**
Chapter 7: Agriculture and Industrialization		
Historical background of the role of agriculture and industry in development;		
Chapter 9: Impact of Development on Environment Changing pattern of land use; Reclamation of land; Deforestation; Resource depletion; Pollution; Environment degradation		
UNIT III: Environmental Pollution and Global Issues	**24**	**30**

Chapter 12: Air Pollution; Water Pollution; Soil Pollution		
Chapter 20: Strategies of Reducing Pollution		
Air pollution control strategies; Strategies to reduce soil pollution; Strategies to reduce water pollution. (Chapters 12 and 20 to be studied together)		
Chapter 17: Green House Effect		
Green House Effect; Effects of global warming and climatic changes on human society; Biological impacts of global warming		
UNIT IV: Energy	**9**	**10**
Chapter 22: Conventional Sources of Energy		
Conventional energy sources; Fossil fuels; Coal; Petroleum; Firewood; Energy situation in India.		
Chapter 23: Non - Conventional Sources of Energy		
Biomass energy; Solar energy; Wind energy; Ocean power (Tidal waves and thermal); Wave energy; Ocean thermal energy conversion; Nuclear energy; Hydel power; Geothermal energy.		
Chapter 24: Conservation of Energy Resources		
Effects to conserve energy resources; Conserving energy resources in agriculture; Conserving energy resources in the transport sector.		
TOTAL	**56**	**70**

*** One Exemplar Project/Activity may be completed in a year from the suggested list in the textbook. (30 Marks)**

CLASS – XII ENVIRONMENTAL EDUCATION

(TO BE ASSESSED INTERNALLY BY AWARDING GRADES)

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Biodiversity	**20**	**18**
1. Concepts and Values of Biodiversity: Concepts of biodiversity; Species of various gene pools; Biodiversity in an ecosystem; Values of biodiversity; Why value diversity. 2. Interdependence between Species: Interactions between plants and animals. 3. Loss of Biodiversity (Threatened, Endangered and Extinct Species): Introduction; Causes leading to loss of biodiversity; Threatened, endangered and extinct species. 4. Strategies for Conservation of Biodiversity: Introduction; Why conserve biodiversity.		
UNIT II: Environmental Management	**4**	**16**
1. Need for Environmental Development Vis-a-vis Development: Introduction; Development levels and environment impacts.		
UNIT III: Sustainable Agriculture	**6**	**16**
1. Need for Sustainable Agriculture: Key components in the industrialization of modem agriculture. 2. Green Revolution: Impact of green revolution on the environment; Ecological impacts; Sociological impacts. 3. Management of Agriculture Produce: Storage and preservation; Transportation.		
UNIT IV: Sustainable Development	**10**	**20**

1. Concept of Sustainable Development: Introduction. 2. Challenges for Sustainable Development: Economic considerations; Need for sound economic policies; Political considerations; Social considerations; Need for a transformation in social conditions. 3. Role of Individual and Community.		
TOTAL	**40**	**70**

***EXEMPLAR ACTIVITIES (INTERNAL ASSESSMENT) (30 Marks)**

MODERN INDIAN LANGUAGE

CLASS – XI ASSAMESE (MIL)

DISTRIBUTION OF MARKS

Prose	30
Poetry	25
Rapid Reader	15
Grammar	30
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE Pieces To Be Read: 1. Jibonor Santiparba - Satyanath Bora 2. Badha Kavya - Dr. Birinchi Kr. Boruah 3. Asomor Khel Dhemali – Narayan Sharma	**7**	**30**
II. POETRY Pieces To Be Read: 1. Borgeet–Madhab Dev 2. Lachit Phukan –Debakanta Baruah 3. Ekhon Chithi -Hem Barua	**7**	**25**
III. RAPID READER: Drama	**6**	**15**
IV. GRAMMAR *&* COMPOSITION Pieces To Be Read: 1. Pada Prakaran, Karak & Samash 2. Amplification & Sentence Making 3. Substance Writing 4. Sentence Making with Phrases and Idioms	**9**	**30**
TOTAL	**29**	**100**

CLASS – XII ASSAMESE (MIL)

DISTRIBUTION OF MARKS

Prose	30
Poetry	25
Drama	15
Grammar	10
Composition	10
Essay	10
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE **The Prescribed Pieces are:** 1. Kabir Ahaituk Priti by Dr. B. K. Kakati 2. Barnabodh by Dr. Bhabendra Saikia 3. Shahitya by Upendra Nath Goswami	**8**	**30**
II. POETRY **The Prescribed Poems are:** 1. Naatghar by Nalini Bala Devi 2. Kukur by Amulya Boruah 3. Ubhati Nahar Kabita by Nabakanta Barua	**8**	**25**
III. DRAMA: Chiraj **The Prescribed Portions are:** Dwitiya and TritiyaAnka (Page 26 - till the end)	**6**	**15**
IV. GRAMMAR & COMPOSITION The Prescribed Portions are: 1. Karak 2. Bibhakti 3. Make sentences with phrases & idioms 4. Bhab Samprasharan 5. Comprehension 6. Essay	**9**	**30**
TOTAL	**31**	**100**

CLASS – XI BENGALI (MIL)

DISTRIBUTION OF MARKS

Prose	25
Poetry	20
Drama	15
Grammar & Composition	40
Total Marks	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE	**8**	**25**
1. Sitar Banobas by Iswar Chandra Bidyasagar 2. Mahesh by by Sharat Chandra Chattopaddhay		
	8	**20**
II. POETRY		
1. Purborag by Chandi Das 2. Abar Asibo Phire by Jibanananda Dash		
III. DRAMA	**10**	**15**
Udbastu (Selected Part from 'Natun Ihudi') by Salil Sen		
IV. GRAMMAR & COMPOSITON		**40**
1. Bakya Paribartan 2. Prabad 3. Bhagdhara	**6**	
Composition		
1. Patra 2. Bhab Samprasaron	**4**	
TOTAL	**36**	**100**

CLASS – XII BENGALI (MIL)

DISTRIBUTION OF MARKS

Prose	25
Poetry	20
Drama	15
Grammar & Composition	40
Total Marks	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE	**8**	**25**
1. Balai – Rabindranath Tagore 2. Dudher Dam – Banophul		
II. POETRY	**8**	**20**
1. Sita-o-Sarama – Michael Madhusudan Dutta 2. Dui Bigha Jami - Rabindra Nath Tagore		
III. NOVEL Rajsingha (Selected Part): Bankim Chandra Chattopaddhay	**10**	**15**
IV. GRAMMAR 1. Definition & Examples i) Samibhaban ii) Apinihiti iii) Swar Sangati iv) Swar Bhakti v) Abhishruti 2. Alankar i) Anupras ii) Shles iii) Upoma iv) Samasokti	**13**	**40**
V. COMPOSITION		
1. Prabandha Rachana		
TOTAL	**39**	**100**

CLASS – XI GARO (MIL)

DISTRIBUTION OF MARKS

Prose	35
Poetry	35
Essay	15
Agan Me·apa/Ku·jikse	15
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE 1. Nikgijagipa Gam – Fridina K. Marak 2. A·chik Jatni Ku·riting Agananirango Jajong aro Askirangni Gimin Aganani- D.S. Rongmuthu	**15**	**35**
II. POETRY Salingni Agana: 1. Balroro Kari 2. Misi Kari 3. Aran Kari *Seokgimin Poetryrang – D.S. Nengminza*	**16**	**35**
III. ESSAY (Unseen)	**06**	**15**
1. Katta Ku·jikse 2. Agan me·apa A·chik Composition by Keneth M. Momin	**08**	**15**
TOTAL	**45**	**100**

CLASS – XII GARO (MIL)

DISTRIBUTION OF MARKS

Prose	35
Poetry	35
Essay	15
Agan Me·apa/Ku·jikse	15
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE 1. Ki·tap Seani- Hubert K Sangma 2. Lekha Pora aro Gisik Bimik –K.M. Momin	**22**	**35**
II. POETRY 1. A·chik Ku·rang – H.D. W. Momin 2. Hobani Sinteani – Evelyn R. Marak 3. Katta Ma·gitcham Niam Songgitcham –D.S. Rongmuthu	**23**	**35**
III. ESSAY (unseen)	**6**	**15**
1. Katta Ku·jikse 2. Agan Me·apa	**10**	**15**
TOTAL	**61**	**100**

CLASS – XI HINDI (MIL)

DISTRIBUTION OF MARKS

Prose	25 marks
Poetry	25 marks
Rapid Reader	20 marks
Grammar & Composition	30 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE Pieces to be read	**16**	**25**
1. Namak ka Daroga by Premchand		
2. Galta loha by Shekhar Joshi		
3. Jamun ka ped by Krishna Chander		
4. Bharatmata byJawaharlal Nehru		
II. POETRY Pieces to be read	**15**	**25**
1. a) Hum Nau ek ek kari jana , b) Santo dekhat jag baurana by Kabir		
2. Ghar ki yaad by Bhawani Prasad Misra		
3. Aao milkar bachaye by Nirmala Putul		
III. RAPID READER Pieces to be read	**8**	**20**
1. Bhartiya gayika me bejod by Kumar Gandharv		
IV. GRAMMAR & COMPOSITION Pieces to be read	**12**	**30**
1. Gadyans athwa Paryaywachi Shabd 2. Vilomi Shabd 3. Anek Shabdo Badle Ek Shabd 4. Muhaovre 5. Lokoktiyan		
6. Essay		
7. Letter writing		
8. Unseen Passage		
TOTAL	**51**	**100**

CLASS – XII HINDI (MIL)

DISTRIBUTION OF MARKS

Prose	25 marks
Poetry	25 marks
Rapid Reader	20 marks
Grammar & Composition	30 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE	**12**	**25**
The Prescribed Pieces are: 1. Bazaar Darshan - by Jainaindra 2. Pahalwan Ki Dholak - by Phanishwar Nath Renu 3. Namak - by Rajiya Sajjad Zahir		
II. POETRY	**12**	**25**
The Prescribed Pieces are: 1. Bat Sidhi Thi Par - by Kuwar Narayan 2. Usha - by Rameshwar Bahadur Singh 3. Badal Rag - by Suryakant Tripathi 'Nirala'		
III. RAPID READER	**12**	**20**
1. Atit Mein Dabe Pau by Om Thanvi		
IV. GRAMMAR & COMPOSITION	**08**	**20**
1. Composition i) Essay Writing ii) Letter Writing iii) Unseen Passage		
2. Grammar	**06**	**10**
i) Sandhi - Sandhi Vichched Aur Sandhi Ki Pahachan ii) Samas - Vigrah Aur Samas Ki Pahachan iii) Vakya - Prakar Aur Rupantaran		
TOTAL	**50**	**100**

CLASS – XI KHASI (MIL)

DISTRBUTION OF MARKS

1	Prose	40 marks
2	Poetry	45 marks
3	Essay (Unseen)	15 marks
	Total Marks	**100 marks**

UNIT/ CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE 1. Na Sla Ka Sohmyndur by Sweety Mon Rynjah **Pieces to be read** i) Chapter 3: Ki Matti U Longshwa ii) Chapter 14: Ban Ieng Ha La Ki Kjat	**10**	**40**
II. POETRY **Pieces To Be Read** 1. Ka Jingsneng Tymmen (Part I) by R. S. Berry **Pieces to be read** i) Chapters I-X 2. Ki Poetry Khasi by V. G. Bareh Pieces to be read i) Chapter 4 – Tiewdohmaw ha Shiteng Riat	**11**	**45**
III. ESSAY – Unseen	**4**	**15**
TOTAL	**25**	**100**

CLASS – XII KHASI (MIL)

DISTRIBUTION OF MARKS

Prose	30 marks
Poetry	40 marks
Grammar and Composition	30 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE 1. Ka Pyrkhat U Khasi– by H. O. Mawrie Pieces to be read i) Chapter 16: "U Khasi Ha Ka Mariang" 2. Ki Syntiew Ha Ranab– by W. Kharkrang Chapter 3: "Ka Jingiakynduh Jong U Bah Ta En" i) Bah Ta En Sa Leit Suk Ho. ii) ……Iaishah Bah Ta En iii) U Blei Un Kyrkhu la Phi Bah Ta En"	**9**	**30**
II. POETRY 1. Ki Jingsneng Tymmen (Part ll) by R. S. Berry i) Chapter I to Chapter 10 2. Ki Poetry Khasi by V. G Bareh i) Chapter 10: "Hapdeng Ki 'Law Kynjah Ka Tlang" 3. Na Nengpei Ki Sur Myllung - by B. C. Jyrwa. i) Chapter: "Ka Sor Shillong" ii) Chapter: " Ym Dei U Nongthaw 4. Ka Samoi Jong Ka Lyer - by K. S. Nongkynrih i) Chapter: "U Ren" ii) Chapter: Haba u Myntri Rangbah Ha Shillong U Wan Hiar, Ki Siej Jar Jar ki Shu ia peit Siar	**15**	**40**

III. GRAMMAR & COMPOSITION 1. Ka Grammar by H. W. Sten i) Chapter 4: Ka Adjective ii) Chapter 5: Ka Verb 2. Essay: Unseen	**8**	**30**
TOTAL	**32**	**100**

CLASS – XI MIZO (MIL)

DISTRIBUTION OF MARKS

Sl	UNIT	Marks
A	Hla (Poetry)	20
B	Thu (Prose)	20
C	Thawnthu leh lemchan	15
D	Grammar	15
E	Chhiar (Pakhat, text bu pawn)	10
F	Ziak	20
Total		**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
A. HLA (POETRY) **Pieces To Be Read:** 1. Ka Va Ngai Em Lalram Ropui - Hleia 2. Awmhar Huiva - Liangkhaia 3. Kawltuchawia - Chhuana 4. Khawngai Hnuchham - Vankhama 5. Zofa Kan Dinhmun Hi - L. Z. Sailo 6. An Dang Chuang Lo Ve - Suakliana 7. Phu Loh Thahmingliani - F. Rokima 8. Duhaisam - T. Zorampela	**10**	**20**
B. THU (PROSE) **Pieces To Be Read:** 1. Buaina - Darchhawna 2. Intodelh - Lalzuia Colney 3. Hmanlai Nula Leh Tlangval Nun - B.Lalthangliana 4. Chanchin Tha Malsawmna - Z. T. Sangkhuma 5. Music - Sangzuala	**12**	**20**

C. THAWNTHU IEH LEMCHAN **Pieces to be read:** 1. Rauthla Leng (Thamnthu)	**6**	**15**
D. GRAMMAR **Pieces To Be Read:** 1. Mood 2. Synonym & Antonym 3. Tawng upa (Class X - a zir loh 100)	**6**	**15**
E. CHHIAR **Pieces To Be Read:** Text Bu Pawn Lam Thuziak Naupangin An Hritthiam Dan Erma Tur Zirlaibu pawn (unseen passage) a mi thuziak pakhat, word 1000 vel, lakchhuah a, chumi atang chuan zawhna eng emaw zat siam tur a ni. Thumal awmzia an hriat loh zawhna mark 2 pu tel se. Thuziak chu hetiang atanga lak tur a ni: 1. Factual passage 2. Discussion passage	**3**	**10**
F. ZIAK **Pieces To Be Read:** 1. Essay ziak 2. Report leh minute ziah. Thil thleng chanchin ziah (Thil ziah te hi ni tin chanchinbu leh School magazine a chhuah tlak tur ni se) 3. Lehkhathawn: Lehkhathawn ziah ngai chi hrang Zhrang ziah thiam. Hengte hi zirtir tel ngei ni se (i) Sawrkara lehkha thehluh tur ziah (lehkha pangngai bakah complaint, enquiries etc. leh a chhan letna thlengin) (ii) Kohhran leh tlawmngai pawl te hnena lehkhathawn (iii) Chanchinbu mite hnena lehkhathawn (iv) Hna dilna		**20**
TOTAL	**37**	**100**

CLASS – XII MIZO (MIL)

DISTRIBUTION OF MARKS

Sl	UNIT	Marks
A	Hla (Poetry)	20
B	Thu (Prose)	20
C	Fiction leh Drama	15
D	Grammar	10
E	Chhiar	15
F	Ziak	20
Total		**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
A. HLA (POETRY) **Pieces To Be Read:** 1. Pi Pu Chhuahtlang Hlui - *Liandala* 2. Piallei Hmun Rem Kan Bele - *Dozinga* 3. Tleitirah Tleitiri - *Dura Chongthu* 4. Tahlai Ni Kawklung - *Romani* 5. Khuavel i La Chhing Ngei Ang - *V. Thangzama* 6. Panlai Kei Ka Ramtuanna - *Lalsangzuali Sailo*	**10**	**20**
B. THU (PROSE) **Pieces To Be Read:** 1. Hnam Inpumkhatna Kawnga Tawng Pawimawhna - *P. C. Biaksiama* 2. Mizo Inneih Dan - *B. Lalthangliana* 3. Mizo Nula Huaisen Pahnih - *R. L. Thanmawia* 4. Val Upa - *Darchhawna* 5. Lung In Malsawmna - *H. Lallungmuana* 6. Thangualte u, Nangmahni Khawvel a Nie *-P.L. Liandinga (Lehlin)*	**12**	**20**

C. FICTION LEH DRAMA **Pieces To Be Read:** 1. Drama: Zothansangi – Vanneihtluanga	**7**	**15**
D. GRAMMAR **Pieces To Be Read:** 1. Applied Grammar i) Prefix and suffix ii) Double Adverbs/Adjective Adverbs 2. Idioms and Phrases	**2**	**10**
E. CHHIAR **Portions To Be Read:** Zirlai bu pawn lam thuziak pahnih hetiang hian lak turani: 1. Thumal 500-600 inkar- 10 marks 2. Thumal 300-400 inkar- 05 marks Mark 10 pu zawk hi zawhna chi hrang hrang, thuziak awnzia an man leh man loh enna tur ania Tin, thumal awmzia an hriat dan enna tur mark 2 a awm ang.	**2**	**15**
F. ZIAK Thuphuah tawi - Advertisement, notice**,** inneih sawmna, lungphun hriattima, poster, form filled up etc. Report emaw, thil thleng chanchin mi thusawi atanga ziak (Thumal 80-100) lekhathawn chi hrang leh mi lekkhathawn chhan Thuziak sei (article etc.) - Chanchibua chhuahtlak tura topic hrang hrang thuziak (Thumal 150-200)	**3**	**20**
TOTAL	**36**	**100**

CLASS – XI NEPALI (MIL)

DISTRIBUTION OF MARKS

Literature	60 marks
Grammar	15 marks
Reading Unseen	10 marks
Composition and writing	15 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
SECTION A: LITERATURE		
1. Story - The following stories are to be read i) Mero Auta Nagahuki - Hari Prasad Gorkha Rai ii) Chimeki -Guru Prasad Mainali iii) Aama -Bikram Bir Thapa	**12**	**20**
2. Essay - The following essay are to be read: i) Nepali Sanskritima Madal Ko Sthan - Lil Bahadur Chettri ii) Nakal - Rubi Neupane	**7**	**20**
3. Poetry - The following poems are to be read: i) Bhikari -Laximi Prasad Devkota ii) Hami Bahadur - Agam Singh Giri iii) BarshaWichar -Lekhnath Paudyal ii) Shillong - Krishana Prasad Gewali	**12**	**20**
SECTION B: GRAMMAR	**06**	**15**
(i) Swar Varna (ii) Vyanjan varna (iii) Matra Pariachay (iv) Wakya Parichaya (v) Samas (vi) Ukhan and Tukka		
SECTION C: READING (Unseen)		**10**
SECTION D: COMPOSITION AND WRITING	**08**	**15**
i) Comprehension Writing ii) Essay Writing iii) Letter Writing		
TOTAL	**45**	**100**

CLASS – XII NEPALI (MIL)

DISTRIBUTION OF MARKS

Literature	60 marks
Grammar	15 marks
Reading Unseen	10 marks
Composition and writing	15 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
SECTION A - LITERATURE	**35**	**60**
I. PROSE The Prescribed Short Stories are: 1. Paral Ko Aago - Guru Prasad Mainali 2. Logne - Puskar Shamsher		
II. ESSAY Types of Essays: 1. Nepali Hamro Matribhasa - Parasmani Pradhan 2. Adhunik Shikshak - Indra Rai		
III. DRAMA -'Mukunda - Indira' by Balkrishna Sama, Sajha Prakashan, Kathmandu.		
IV. POETRY -'Muna - Madan' by Laxmi Prasad Deokota, Sajha Prakashan, Kathmandu.		
SECTION B - GRAMMAR	**05**	**15**
(Suggested Chapters): 1. Linga 2. Dhatu Ra Pratya 3. Upasarga 4. Viparitarthak Shabda 5. Shabda Suddhi Bimarsha 6. Ukhan Tukka		
SECTION C - READING (Unseen)	**05**	**10**
SECTION D - COMPOSITION AND WRITING	**12**	**15**
1. Essay Writing i) Atmaparak ii) Vicharatmak		
2. Letter Writing i) Vyaktigat ii) Daftari		
TOTAL	**57**	**100**

ELECTIVE LANGUAGES

CLASS – XI ASSAMESE (ELECTIVE)

DISTRIBUTION OF MARKS

Prose	30
Poetry	30
Novel	15
Rhetoric and Rhapsody	15
Essay	10
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE **Pieces To Be Read:** 1. Sahityar Mulkatha - by S. K. Bhuyan 2. Adhunik Galpa Sahitya - by H. Baruah Name of the Textbook Prabandhawali Guwahati University, Guwahati - 781001	**9**	**30**
II. POETRY Pieces To Be Read: 1. Bhiksha Bahagir Biya Keteki 2. Charai; Golpo; Basisthasram; Sankardev; Gowa be Eber Mar Priya; 3. Bihangini (7 poems) Name of the Textbook: Sadari - by Raghunath Chaudhary	**10**	**30**
III. NOVEL: Bhanumati - by Padmanath Gohain Borah	**8**	**15**
IV. RHETORIC AND PROSODY - Unseen	**8**	**15**
V. ESSAY: For Rhetoric and Prosody: (Students are expected to have some general idea of the topics along with definitions and examples) i. Alankara - Sabdalam Kara and Arthalam Kara Anuprasa, Upama; Rupaka; Tamaka	**4**	**10**
TOTAL	**39**	**100**

CLASS – XII ASSAMESE (ELECTIVE)

DISTRIBUTION OF MARKS

Prose	30
Poetry	30
Drama	20
History of Assamese Literature	20
Total	**100 Marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE: Prabandhawali: Guwahati University Pieces To Be Read: 1. Omar Khaiyam - by Jatindranath Dowerah 2. Sahitya Sadhana Art aru Ruchi - by M. Neog 3. Madhavdevar Rachanat - by S. N. Sarmah Dhaltiras	**8**	**30**
II. POETRY: Kavya 1. Khatasuh-Badh - by Rama Saraswati	**8**	**30**
III. DRAMA: Pieces To Be Read: 1. Maariban Ajan - by Sarada Bardaloi	**6**	**20**
IV. History of Assamese Literature Pieces to be read 1. Assamiya Vaiwava Sahitya (Sankardev, Madhavdev and Battadev) 2. Adhunik Assamiya Sahitya (1826 - 1910) (Michanarir Avadan and General idea of Janaki writers)	**8**	**20**
TOTAL	**30**	**100**

CLASS – XI BENGALI (ELECTIVE)

DISTRIBUTION OF MARKS

Novel	20
Poetry	15
Short stories	15
Grammar & Composition	
Metre (Chanda)	10
Rhetoric (Alankar)	10
Essay	15
Unseen	15
Total Marks	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. NOVEL Name of the Novel Datta – by Sarat Chandra Chatterjee	**5**	**20**
II. POETRY The Prescribed Poems are: 1. Bangla Bhasha 2. Kashiramdas 3. Aswin Mas 4. Kapolaksanad 5. Bijoya Dasami **Name of the textbook: Chaturdaspadi Kabitabali - by M. S. Dutta**	**19**	**15**
III. SHORT STORIES **The Prescribed Pieces are:** 1. Ichchapuran 2. Anadhikar Prabes **Name of the textbook: Galpaguccha (Short Story) - by Rabindranath Tagore**	**8**	**15**
IV. GRAMMAR & COMPOSITION 1. Metre (Chanda) 2. Rhetoric (Alankar) 3. Essay 4. Unseen	**10**	**50**
TOTAL	**42**	**100**

CLASS – XII BENGALI (ELECTIVE)

DISTRIBUTION OF MARKS

Bibidha Prabadha – Bankim Chaterjee	20
Prayaschitta (Drama) Rabindranath Tagore	30
Pre - University Poetry Selection	30
History of Bengali Literature	20
Total	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. Bibidha Prabadha – Bankim Chatterjee Pieces To Be Read: 1. BanglarItihas 2. Bhalobasar Atyachar	**5**	**20**
II. Prayaschitta (Drama) Rabindranath Tagore The Whole Drama	**10**	**30**
III. Pre - University Poetry Selection Pieces To Be Read: 1. Purbarang 2. Annandar Atmaparichaya O Bhabananda Bhabane Gaman 3. Dasananer Bilap 4. Prasna 5. Abar Asiba Phire	**20**	**30**
IV. History of Bengali Literature Portions To Be Read: Charyapad theke Bharat Chandra paijanta.	**30**	**20**
TOTAL	**65**	**100**

CLASS – XI GARO (ELECTIVE)

DISTRIBUTION OF MARKS

Prose	45
Poetry	35
Grammar	20
Total	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE Gama Ge·ani Bidingo A·chikrangni Manianirang 1. A·a o·pata ba jumang sia 2. A·galmaka ba a·galmak doa 3. A·krita ba Me·jak sim·a 4. Wangala ba wanma rongchua ba dru wanbola Text book : Maniani Bidik by M.N. Sangma	**22**	**45**
II. POETRY 1. Pring – S.S.Marak 2. Rasongni Kimbriona – Rev. G.K. Marak 3. A·chik A·song – Perkins K. Sangma	**15**	**35**
III. GRAMMAR E.G. Philips 1. Bak II	**10**	**20**
TOTAL	**47**	**100**

CLASS – XII GARO (ELECTIVE)

DISTRIBUTION OF MARKS

Prose	55
Dakmesokani (Drama)	30
Garo Grammar	15
Total	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE 1. Chigitchakgreni Nokma – Icylian R. Marak 2. Maniani Bidik – Mihir N. Sangma i) Nokpante	**22**	**55**
II. DAKMESOKANI (One Act Play) 1. Introduction 2. Do·sia	**10**	**30**
III. GRAMMAR E.G. Phillips 1. Bak –III	**15**	**15**
TOTAL	**47**	**100**

CLASS – XI HINDI (ELECTIVE)

DISTRIBUTION OF MARKS

Nibandh	35 marks
Natak	35 marks
Upanyas	30 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. NIBANDH **Prescribed Pieces** 1. Ruchi - Balakrishna Bhatt 2. Utsaha- Acharya Ramachandra Sukla 3. Ninda Rasa - HarishankarParasai	**20**	**35**
II. NATAK	**15**	**35**
III. UPANYAS	**15**	**30**
TOTAL	**50**	**100**

CLASS – XII HINDI (ELECTIVE)

DISTRIBUTION OF MARKS

Prose	30 marks
Poetry	30 marks
Rapid Reader	15 marks
Essay	10 marks
Shabda-shakti, Rasa, Alankar	15 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE **Pieces to be read**	**24**	**30**
1. Premdhan ki Smritichhaya by Ramchandra Shukla		
2. Sumirini Ke manke by Pandit Chandradhar Sharma Guleri		
3. Gandhi, Nehru aur Yassar Arafat by Vishm Sahani		
II. POETRY **Pieces to be read**	**18**	**30**
1. Geet gane do mujhe by Suryakant Tripathi Nirala		
2. Yah deep akela by Sachchidanand Heeranand Vatsayayan Agya		
3. Satya by Vishnu Khare		
III. RAPID READER **Pieces to be read**	**16**	**15**
1. Surdas ki jhopri by Premchand		
2. Arohan by Sanjeev		
IV. GRAMMAR **Pieces to be read**	**6**	**25**
1. Shabd - Sakti 2. Rasa		
V. ESSAY		
TOTAL	**64**	**100**

CLASS – XI KHASI (ELECTIVE)

DISTRIBUTION OF MARKS

Elementary Theory and Criticism	20
History of Khasi Literature	30
Poetry	30
Short Story	20
Total	**100**

UNIT/ CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. ELEMENTARY THEORY AND CRITICISM: 1. Ki Snap Ka Bishar Bniah - by H. W. Sten, B. L. Swer and B. War i) Ka Lyrik ii) Ka Ballad iii) Ka Drama a. Ka Tragedy b. Ka Comedy c. Ka Tragi - Comedy iv) Ka Fiction a. Ka Nobel	**8**	**20**
II. HISTORY OF KHASI LITERATURE 1. Ka History Ka Thoh Ka Tar (Bynta I) - by R. S. Lyngdoh	**8**	**30**
III. POETRY 1. Ka Snap U Longshuwa by Pascal Malngiang **Pieces to be Read** i) Shong Ruh Jhieh ii) U Lok Bashisha 2. Ka Marynthing Rupa by L. G. Shullai i) Pumpum Tdem Dewiong, Diesel and Bad Duma	**6**	**30**
IV. Short Story 1. Map Bad Klet 2. U Nongialam 3. U Thlen	**8**	**20**
TOTAL	**30**	**100**

CLASS – XII KHASI (ELECTIVE)

DISTRIBUTION OF MARKS

Theory and Criticism	10 marks
Poetry	30 marks
Drama	25 marks
Novel	25 marks
Folkfore	10 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. THEORY AND CRITICISM **Pieces To Be Read** Katto Katne Shaphang Ka Sonnet - by B. L. Swer Chapter 1	**2**	**10**
II. POETRY 1. Na Dymmiew Tngen by Edward Dkhar - Chapter 12: “Phi Dei Ma Phi” 2. Ha Ki Sur Ka Poetry by S. S. Majaw - “Ka Shnong Jingthala”	**6**	**30**
III. DRAMA 1. Ka Sohpdung Ki Jingphohsniew by W. D. Jyrwa.	**12**	**25**
IV. NOVEL 1. U Klop by C. Wolflang	**15**	**25**
V. FOLKLORE Ki Khana Nongtymmen Na Ki Tnum Soppring u 7 Trep by E. W. Dkhar 1. Chapter II “Ka Panshandi” 2. Chapter XXXII “U Sim Tyngwieng”	**2**	**10**
TOTAL	**37**	**100**

CLASS – XI MIZO (ELECTIVE)

DISTRIBUTION OF MARKS

Sl	UNIT	Marks
I	Hla (Poetry)	25
II	Thu (Prose)	25
III	Thawnthu (Short Story)	25
IV	Lemchan (Plays)	25
Total		**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. HLA (POETRY): **Pieces to be read**: 1. Zo Hnam Hla – Thanga 2. Damlai Tuipui Fawn - C. Z. Huala 3. Awmkhawmna In Hlui - Hrawva 4. Kawmu - Chhuana 5. Pathian Ralthuam Hmangtute Chu – Saihnuna 6. Fur - Lalthangfala Sailo 7. Kumsul Liam Hnu - C. Lalkhawliana 8. Tan Hla - R. L. Kamlala 9. Lenna Khua Hmun Lo – Lalzova 10. Ziak Loh Zirlai - Laltluangliana Khiangte	**20**	**25**
II. THU (Prose) **Pieces to be read:** 1. Hmangaihna - Lalhmingliana Saiawi 2. Mizo Thu Leh Hla Mawi - C. Chhuanvawra 3. Thalaite Intodelhna - P. C. Biaksiama 4. Nghah – Darchhawna 5. Mizo Tawng Khawvel - C. Sangzuala	**21**	**25**

6. Zin Kawng Thim - R. L. Thanmawia 7. Fam Ta Lo Chu - James Dokhuma 8. Mizo Thu Leh Hla Tobul - B. Lalthangliana		
III. THAWNTHU (Short Story) **Pieces to be read:** Eng nge Pawi?. - Lalzuithanga	**6**	**25**
IV. Lemchan (Plays) **Pieces To Be Read:** i. Hausakna Nun Dik Tak - Chawngzika C.	**8**	**25**
TOTAL	**55**	**100**

CLASS – XII MIZO (ELECTIVE)

DISTRIBUTION OF MARKS

Sl	UNIT	Marks
I	Hla (Poetry)	25
II	Thu (Prose)	25
III	Fiction	25
IV	Drama	25
Total		**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. HLA (POETRY) **PIECES TO BE READ:** 1. Chai hla **-** hla 8 2. Ram hmangaihna hla - R. L. Kamlaha 3. Zoram ka ram – Kaphleia 4. Pamawi thang vulna **–** Liandala 5. Khuanuleng Chawi **–** Hrawva 6. Kan Sutpui Ber **-** R. L. Thanmawia 7. Ka Nu **-** P. S. Chongthu 8. Chunnu **–** Biakliana 9. Chul ram ka thlir - C. Zachhungna 10. Nungchate - R. Rochungnunga 11. Pum **-** James Dokhuma 12. Ka Hmaah Luiral Khaw Mawi **–** Zumi	**18**	**25**
II. THU (PROSE) **PIECES TO BE READ:** 1. Mi Puitling – Lalena 2. Nun puitling **-** c. Vanlallawma 3. Awithangpa hla phuah thiamzia **-** R.	**17**	**25**

Lallianzuala 4. Mizo zai leh hla **-** C. Lalsiamthanga 5. Mi huai sen **-** J. Malsawma 6. Duhthusam **-** P. L. Liandinga 7. Kan nun khuarei a chang tur hi - C. Thuamluaia 8. Zirlaite hnena thuchah - Zikpuii Pa 9. Mizo arsi hriat dan – Liangkhaia		
III. FICTION **PIECES TO BE READ:** 1. Lallianvunga vanglai - H. Thangkhuma	**10**	**25**
IV. DRAMA **PIECES TO BE READ:** 1. Tlai Ngai Lo Pathian – Liansailova	**08**	**25**
TOTAL	**53**	**100**

CLASS – XI NEPALI (ELECTIVE)

DISTRIBUTION OF MARKS

Literature	60 marks
Grammar	15 marks
Reading Unseen	10 marks
Composition& Writing	15 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. POETRY	**10**	**20**
Pieces To Be Read: 1. Pinjara Ko Suga - Lekh Nath Paudel 2. Udbodhan Dharnidhar Koirala 3. Nirjhar -Narendra Kumai 4. Bhikhari -Laxmi Prasad Deokota		
II. PROSE (Story)	**08**	**20**
Pieces To Be Read: 1. Machha Ko Mol -Shiv Kumar Rai 2. Tangan Ghoda -Balkrishna Sam 3. Pavitra - Biswessar Prasad Koirala		
III. PROSE (Essay)	**08**	**20**
Pieces To Be Read: 1. Bhani Bisauni Thego- Dr. Jagat Chettri 2. Birsiyeko Sanskriti- M. M. Gurung 3. Hamro Rashtriya Chad Ra Sayapatri Phul - Bishnu Ram Rai		
IV. GRAMMAR	**05**	**15**
Chapters: Paryayevachi Shabda, Viparitarthak Shabda, Saar Shabda, Shabda Suddhi Prakriya , Anekarthak Shabda **Essay Writing:** Atmaparak, Vastuparak **Letter Writing**: Vyaktigat, Daftari, Smarak Patra		
Reading Unseen: Composition and Writing	**09**	**25**
TOTAL	**40**	**100**

CLASS – XII NEPALI (ELECTIVE)

DISTRIBUTION OF MARKS

Literature	60 marks
Grammar	15 marks
Reading Unseen	10 marks
Composition& Writing	15 marks
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. NOVEL	**20**	**30**
1. Basai - Lil Bahadur Chettri – Sajha Prakashan, Kathmandu		
II. DRAMA	**20**	**30**
1. Masan- Gopal Prasad Rimal Sajha Prakashan, Kathmandu		
III. GRAMMAR	**10**	**15**
Pieces To Be Read: 1. Ramro Rachana Mitho Nepali by Krishna Prasad Parajuli - Sahayogi Press, Kathmandu 2. Madhyamik Nepali Vyakaran Ra Rachana by Shree Raj Prakashan, Daijeeling Chapters: Chanda Parichaya, Alankar, Ras Parichaya		
IV. COMPOSITION & WRITING	**10**	**25**
1. Letter Writing and Essay Writing 2. Reading Unseen		
TOTAL	**60**	**100**

CLASS – XI ELECTIVE ENGLISH

DISTRIBUTION OF MARKS

1.	Short Stories	45
2.	Short Modern Plays	40
3.	Writing	15
Total Marks		**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. SHORT STORIES	15	45
The Prescribed Pieces are: 1. The Gift of the Magi - by O. Henry 2. The Gold Watch - by Mulk Raj Anand 3. Dr. Heidegger's Experiment - by Nathaniel Hawthorne **Name of the textbook: Short Stories of Yesterday And Today** Edited by Shiv K. Kumar Published by - Oxford University Press, Danish Road,		
II. SHORT PLAYS	**10**	**40**
The Prescribed Plays are: 1. The Three Wayfarers - by Thomas Hardy 2. Comedy and Tragedy - by W. S. Gilbert **Name of the textbook: Short Modern Plays - Second Series** Selected by - S. R. Littlewood. Published by **–** Macmillan India Ltd., S. C. Goswami Road,		
III. WRITING (UNSEEN)	**10**	**15**
1. To write an essay on an argumentative/ discursive/ descriptive topic (200-250 words) 2. To write a shorter composition such as an article/report (100-125 words)		
TOTAL	**35**	**100**

CLASS – XII ELECTIVE ENGLISH

DISTRIBUTION OF MARKS

1.	Prose	15
2.	Poetry	15
3.	Fiction	25
4.	Drama	25
5.	Reading / Writing	20
Total Marks		**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. PROSE	**05**	**15**
Pieces To Be Read: 1. On The Rule of the Road - A. G. Gardiner		
II. POETRY	**06**	**15**
Poems To Be Read: 1. The Solitary Reaper - William Wordsworth 2. On His Blindness - John Milton		
III. FICTION	**06**	**25**
1. The Guide – R.K. Narayan		
IV. DRAMA	**05**	**25**
1. Arms and the Man – Bernard Shaw		
V. READING/WRITING	**08**	**20**
1. Phonology (Phonology or the study of sounds is not included for written examination) 2. Comprehension (unseen) Poetry of fifteen lines followed by short questions to test interpretation and appreciation 3. Essay: Argumentative, Discursive, Reflective, Narrative and Descriptive		
TOTAL	**30**	**100**

ARTS

CLASS – XI POLITICAL SCIENCE

DISTRIBUTION OF MARKS

1)	Course I – Political Theory (I)	50 marks
2)	Course II – The Indian Constitution and Political System in operation	50 marks
	Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
COURSE I - POLITICAL THEORY (I)		
UNIT I: 1. Definition, nature, scope and importance of Political Science 2. Political Science as a Science; 3. The Normative and the Empirical Approaches. 4. State 5. Nation	**18**	**12**
UNIT II: The Process of Mobilization: 1. Public Opinion 2. Political Party 3. Pressure Groups and Interest Groups	**18**	**19**
UNIT III: The Organs of the Government: 1. The Executive 2. The Legislature 3. The Judiciary	**20**	**19**
COURSE II - THE INDIAN CONSTITUTION AND POLITICAL SYSTEM IN OPERATION		
UNIT V: Framing of the Indian Constitution	**20**	**14**
UNIT VI: Indian Federalism	**15**	**14**
UNIT VII: Government in the States: 1. The Governor 2. The Chief Minister 3. The State Legislature 4. The State Judiciary	**25**	**14**
UNIT VIII: Local Self - Government	**16**	**8**
TOTAL	**132**	**100**

CLASS – XII POLITICAL SCIENCE

DISTRIBUTION OF MARKS

1)	Course III – Political Theory (II)	50 marks
2)	Course IV – The Indian Constitution and Political System in operation	50 marks
	Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
COURSE III Political Theory (II)		
UNIT I Key Concepts: 1. Rights: Meaning and characteristics of Rights; kinds of Rights; classification of Rights; relation between Rights and Duties. 2. Liberty: negative and positive meaning of Liberty; kinds of Liberty - natural, civil, political, economic, national; relation between Law and Liberty. 3. Equality: negative and positive meaning of Equality; kinds of Equality - natural, social, civil, political, economic; the relationship between Liberty and Equality. 4. Law: meaning; source - customs, religion, equity, scientific commentaries judicial decisions, Legislature; kinds of Law; relationship between Law and Morality.	**20**	**15**
UNIT II The Electorate: meaning and basis of franchise;	**5**	**10**
1. Universal Adult Franchise arguments for and against.		
UNIT III Major Contemporary Political Theories	**10**	**15**
Marxism: Genesis; tenets of Marxism - dialectical materialism, historical materialism, class struggle, surplus value, revolution and dictatorship of the proletariat, classless society.		

UNIT IV The United Nations: Origins of the United Nations, development, aims and principles of the United Nations Organization of the United Nations		**10**
COURSE IV The Indian Constitution and Political System in operation	**20**	**15**
UNIT V 1. The Fundamental Rights: Characteristics; Kinds of Rights; Writs for enforcement of the Fundamental Rights; Evaluation of the Fundamental Rights. 2. The Fundamental Duties: Kinds, characteristics and evaluation. 3. The Directive Principles of State Policy: Sources, meaning and objectives. Classification - social welfare, Gandhi an, economic, administrative, educational and cultural principles. Constitutional significance of the Directive Principles. Distinction between Fundamental Rights and Directive Principles.		
UNIT VI **The Union Government:** i) The President of India: - Qualifications, method of election, tenure and removal, privileges, powers and functions, constitutional position. ii) The Vice-President of India: - Qualifications, election, tenure and removal, privileges, functions, position. iii) The Union Council of Ministers: Composition, powers and functions iv)The Prime Minister:- Appointment, tenure, powers, functions and position of the Council of Ministers, distribution of portfolios, as a supervisor of and co-ordinator between the different ministries, as a leader of the Parliament, as a link between the President and the Parliament, etc. The Parliament:- i) The Rajya Sabha (Council of States) - composition, qualifications of members, term of office, presiding officers, privileges, quorum, powers and functions.	**25**	**20**

ii) The Lok Sabha (House of the People) - composition, qualifications of members, election, term of office, privileges, quorum, powers and functions - legislative, executive, financial, constituent and miscellaneous. The Speaker of the Lok Sabha - election, tenure, powers and functions, position. The Judiciary: The Supreme Court of India - Composition, appointment of Judges, qualifications of Judges, tenure and method of removal of Judges. Powers and functions - original jurisdiction, appellate jurisdiction, advisory jurisdiction, miscellaneous. Evaluation of the Supreme Court		
UNIT VII. India and the world:		
India and the United Nations; India and SAARC; India's role in the Non-Align movement;	**20**	**15**
TOTAL	**100**	**100**

CLASS – XI HISTORY

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
THEME: II **EMPIRES** **3. An Empire across Three Continents** **Focus:** Roman Empire, 27 BC to AD 600. i) Political Evolution ii) Economic expansion iii) Religion iv) Late Antiquity Debate on the institution of slavery.	**15**	**20**
4. Central Islamic Lands **Focus:** 7th to 12th centuries i) Polity ii) Economy iii) Culture Debate on the nature of the Crusades	**15**	**15**
THEME: III **CHANGING TRADITIONS** **6. Three Orders** **Focus**: Western Europe, 9th-16th century. i) Feudal society and economy ii) Formation of states iii) Church and society Debate on decline of feudalism	**15**	**15**
7. Changing Cultural Traditions **Focus** on Europe, 14th to 17th century. i) New ideas and new trends in literature and arts ii) Relationship with earlier ideas iii) The contribution of West Asia Debate: Is the notion 'European Renaissance' valid?	**15**	**20**

8. Confrontation of Cultures **Focus** on the Americas, 15th to 18th century. i) European voyages of exploration ii) Search for gold; enslavement, raids, extermination iii) Indigenous people and cultures- the Arawaks, the Aztecs, the Incas. iv) The history of displacements. Debate on the slave trade.	**15**	**15**
THEME: IV **PATHS TO MODERNIZATION:** **10. The Industrial Revolution Focus** on England, 18th and 19th century. (a) Innovations and technological change. (b) Patterns of growth. (c) Emergence of a working class. Debate: Was there an Industrial Revolution?	**15**	**15**
TOTAL	**90**	**100**

CLASS – XII HISTORY

UNIT/THEMES RETAINED THEMES IN INDIAN HISTORY	NUMBER OF PERIODS	MARKS
THEME- I **The Story of the First Cities: Harappan Archaeology.** **Broad overview**: Early urban centres. **Story of discovery**: Harappan civilization. **Excerpt**: Archaeological report on a major site. **Discussion:** How it has been utilized by archaeologists/historians.	**13**	**10**
THEME – II **Political and Economic History: How Inscriptions tell a story.** **Broad overview**: Political and economic history: Mauryan to the Gupta period	**13**	**10**
THEME - IV **A History of Buddhism: Sanchi Stupa** **Broad overview:** (a) A brief review of histories of Vedic religion, Jainism and Vaisnavism. (b) Focus on Buddhism. **Story of discovery:** Sanchi stupa. **Excerpt:** Reproduction of sculptures from Sanchi. **Discussion:** Ways in which sculpture has been interpreted by historians and other sources for reconstructing the history of Buddhism	**14**	**10**
THEME - VI **Agrarian Relations**: The Ain - i - Akbari **Broad overview**: a) Structure of agrarian relations in the 16th and 17* centuries, (b) Patterns of change over the period. **Story of Discovery**: Account of the compilation and translation of Ain-i-Akbari. **Excerpt:** from the Ain-i-Akbari **Discussion**: Ways in which historians have used the text to reconstruct history.	**13**	**6**

THEME - VII **The Mughal Court**: Reconstructing Histories through Chronicles **Broad Overview:** (a) Outline of political history c. 15th - 17th centuries, (b) Discussion of the Mughal court and politics. **Story of Discovery**: Account of the production of court chronicles, and their subsequent translation and transmission. **Excerpts:** from the *Akbarnama* and *Padshahnama.* **Discussion:** Ways in which historians used the texts to reconstruct political histories.	**14**	**8**
THEME - X **Colonialism and Rural Society: Evidence from Official Reports** **Broad overview:** (a) Life of zamindars, peasants and artisans in the late 18th century, (b) East India Company, revenue settlements and surveys, (c) Changes over the nineteenth century. **Story of official records:** An account of why official investigations into rural societies were under taken and the types of records and reports produced. **Excerpts:** From Firminger's Fifth Report, Accounts of Francis Buchanan, Hamilton and Deccan Riots Report. **Discussion:** What the official records tell and do not tell, and how they have been used by historians.	**12**	**10**
THEME - XII **British Expansion and the North East** **Broad Overview**: British Expansion in the North East; 1824 to early 20th Century. **Focus**: Social and cultural impact of the colonial Rule with special reference to i) Christian missionaries for e.g., Role of the American Baptist Missionaries. ii) Modem Education. **Excerpt:** Reports from Pemberton's (1835), Francis Jenkins and other contemporary writers. **Discussion:** How reports can be used to reconstruct history.	**13**	**12**

THEME - XIII **Representations of 1857** **Broad Overview**: (a) The events of 1857-58. (b) How these events were recorded and narrated. **Focus**: Lucknow. **Excerpts:** Pictures of 1857. Extracts from contemporary accounts. **Discussion:** How the pictures of 1857 shaped British opinion of what had happened.	**13**	**12**
THEME - XIV **Mahatma Gandhi in National Movement** **Broad Overview:** (i) Early political organizations and the Indian National Congress - 1840s to 1885 (ii) Advent of Gandhi. **Focus:** Nature of the Gandhian Movement 1917-1942. **Excerpts:** Reports from English and Indian language newspapers and other contemporary writings. **Discussion:** How newspapers can be a source of history.	**14**	**12**
THEME - XV **Partition, Transfer of Power and Making of the Constitution** **Broad Overview:** Nationalism and the Rise of Communalism. (b) Transfer of Power and the creation of Pakistan, (c) Constitutional Development 1909 - 1946.	**13**	**10**
TOTAL	**132**	**100**

CLASS – XI PHILOSOPHY

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: (Deductive Logic)	**15**	**18**
Chapter 1: DEFINITION & SCOPE OF LOGIC i) Introductory ii) Formal and Material Truth iii) Science iv) Science and Art. v) Definition of Logic. - Scope of Logic. vi) Logic as a Science and an Art. **Chapter 3: TERMS** i) Words and Terms ii) Denotation and Connotation of terms		
UNIT II: (Deductive Logic)	**20**	**20**
Chapter 7: **PROPOSITION** i) Analysis of Logical Proposition: (Meaning, Distinction between Grammatical Sentence and logical proposition.) ii) Division (Kinds)of Proposition iii) Simplification of Proposition iv) Reduction of sentences into their strict logical form of Proposition v) Distribution of Terms. **Chapter 9: OPPOSITION OF PROPOSITION** i) Meaning and Kinds (Forms).		
UNIT III (Deductive Logic)	**25**	**25**
Chapter 10: IMMEDIATE INFERENCE i) Meaning and Kind (Inference in general). ii) Conversion.		

iii) Obversion. **Chapter 11: SYLLOGISM** i) Meaning and characteristics. ii) Structure of Syllogism. iii) Kinds of Syllogism. iv) General Rules of Categorical Syllogism and their violations leading to Fallacies. v) Figures of syllogism.		
UNIT IV: (Symbolic Logic)	**25**	**25**
SYMBOLIC LOGIC **Chapter 1**: i) Meaning. **Chapter 2**: i) Simple and Compound Statement. ii) Conjunction. iii) Disjunction. iv) Implication. v) Equivalence. vi) Negation. vii) Using of Symbols and Simple Symbolisation.		
UNIT V: (Philosophy)	**10**	**12**
PHILOSOPHY **Chapter 1:** i) Meaning of Philosophy with reference to Western Philosophy.		
TOTAL	**95**	**100**

CLASS – XII PHILOSOPHY

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: (Induction) **(Inductive Logic)**	**17**	**20**
CHAPTER 1: INDUCTION i) Relation between Deduction and Induction; -Kinds of Induction: a) Scientific Induction, b) Unscientific Induction, c) Analogy, d) Perfect Induction.		
UNIT II: (Ground of Induction) (Inductive Logic)	**17**	**20**
CHAPTER 2: GROUND OF INDUCTION i) Formal Grounds of Induction: a. The Law of the Uniformity of Nature. ii) Cause: a. Definition; Qualitative and Quantitative Marks of Causation; b. Plurality of Causes. **CHAPTER 3:** i) Material Grounds of Induction a. Observation and b. Experiment.		
UNIT III: (Experimental Methods and Hypothesis)	**17**	**20**
CHAPTER 4: i) Meaning of Hypothesis. ii) Conditions of Legitimate Hypothesis. **CHAPTER 5:** i) The Method of Agreement. ii) The Method of Difference.		
UNIT IV: Symbolic Logic.	**24**	**25**
CHAPTER 1 & 2 i) Statement and Statement Forms. ii) Argument and Argument Forms. iii) Logical Connectives: a. Negation. b. Conjunction. c. Disjunction.		

d. Implication. e. Equivalence. iv) Symbolisation and Truth Table. v) Proving Invalidity.		
UNIT V: Philosophy	**15**	**15**
i) Distinctive Features of Indian Philosophy. ii) Rationalism and Empiricism.		
TOTAL	**90**	**100**

CLASS – XI GEOGRAPHY

DISTRIBUTION OF MARKS

Theory	**70 marks**
Practical	**30 marks**

A. Fundamental of Physical Geography	
Unit I Geography as a Discipline -	3 marks
Unit II The Earth	6 marks
Unit III Landforms	6 marks
Unit IV Climate	10 marks
Unit V Water (Oceans)	4 marks
Unit VI Life On Earth	6marks
B. India - Physical Environment	
Unit I Introduction	4 marks
Unit II Physiography	10 marks
Unit III Climate, Vegetation and Soil -	14 marks
Unit IV Natural Hazards and Disaster; Causes, Consequences and Management -	7 marks
Total	**70 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
A. FUNDAMENTALS OF PHYSICAL GEOGRAPHY		
UNIT I: Geography as a Discipline 1. Geography as an integrating Subject, as a science of spatial attributes. 2. Branches of Geography: Importance of Physical Geography.	**5**	**3**
UNIT II: The Earth 1. The Origin and Evolution of the Earth 2. Distribution of Continents and Oceans. i. Wagener's Continental Drift Theory. ii. Plate Tectonics 3. Earthquakes and volcanoes. i) Earthquake ii) Volcanoes.	**10**	**6**

UNIT III: Landforms 1. Rocks and Minerals i) Minerals ii) Rocks: their basics characteristics and Classification. 2. Geomorphic Processes. i) Forces affecting the landforms. ii) Weathering. iii) Soils: Factors of soil formation 3. Landforms and their Evolution. i) Landforms and Landscape. ii) Running Water or River. iii) Landforms formed by River. iv) Moving Ice or Glacier and its Landforms v) Winds: Erosional and Depositional.	**12**	**6**
UNIT IV: Climate 1. Atmosphere - Composition and structure; elements of weather and climate 2. Insolation - i) Solar Radiation ii) Heating and cooling of the atmosphere (conduction, convection, terrestrial radiation and advection); iii) Latitudinal heat of balance iv) Factors controlling Temperature. v) Inversion of Temperature. 3. Pressure and wind i) Atmospheric pressure and its Distribution –Vertical and Horizontal ii) Winds and its Types; Planetary, Seasonal and Local winds. iii) Cyclones and its Types 4.Water in the Atmosphere i) Evaporation, ii) Condensation and its Forms. iii) Precipitation: Forms, Classification and Its Distribution. 5.World Climate i) Koeppen's Scheme of Classification of Climate. ii) Climate change and causes of change. iii) Greenhouse Effect iv) Global Warming	**20**	**10**
UNIT V: 1. **Water (Oceans)** i) Hydrological Cycle ii) Salinity. 2. **Movement of ocean water.** i) Ocean currents: Causes, Types and its Effect. ii) Current of Pacific, Atlantic and Indian oceans 3. **Submarines Relief** i) Ocean floor and its Division-	**10**	**4**

a) Continental shelf b) continental slope c) The continental rise d) The abyssal plain.		
UNIT VI: **1. Life on Earth** i) Biosphere - Importance of plants and other organisms; ii) Ecosystems -Aquatic Ecosystem iii) Energy flow iv) Food Web **2. Biodiversity and conservation.** i) Biodiversity and its importance ii) Ecological role of Biodiversity iii) Loss of Biodiversity	**12**	**6**
B. INDIA - PHYSICAL ENVIRONMENT		
UNIT 1: Introduction 1. **Location** i) Size and Extension ii) India in the eastern world iii) The Indian sub-continent	**5**	**4**
UNIT II: 1. **Physiography** i) Physiographic Divisions 2. **Drainage systems:** i) Some basic definition ii) The Himalayan river system iii) The Peninsular river systems.	**15**	**10**
UNIT III: **1. Climate.** i) Factors Determining the Climate of India. ii) Mechanism of Indian weather iii) Chief characteristics of Monsoonal Rainfall iv) Koeppen's Region **2. Vegetation and Soil** i) Natural vegetation (ICAR's classification) and their distribution; soil degradation and conservations **3.Soil** i) Soil: Definition, formation, Horizon, Classification and degradation.	**18**	**14**
UNIT IV: Natural Hazards and Disasters: **Causes, Consequences and Management** i) Floods and Droughts ii) Cyclones iii) Landslides	**8**	**7**
PRACTICAL **UNIT I: Fundamental of Maps** i) Scales - types; construction of linear scales, ii) Measuring distance,	**10**	**30**

iii) Finding direction iv) Use of symbols. v) Contours and Cross profiles of gentle slope and steep slope. vi) Convex and Concave slope. vii) Conical hill, v - Shaped valley. Representation of Data - construction of diagrams: i) Bars. ii) Circles iii) Flow charts.		
UNIT II: Topographic and Weather Maps i) Study of Topographic maps under the heads - relief, drainage, natural vegetation, distribution of settlement, contour and cross profile of the landform in the specific map provided to the students. ii) Use of weather charts: describing pressure, wind and rainfall distribution	**8**	
UNIT III: Aerial Photographs and Satellite images Aerial photographs: i) Types and geometry - vertical aerial photographs, difference between maps and aerial photographs; ii) Photo scale determination iii) Satellite images: stages in remote sensing data acquisition, platform & sensors and data products (photographic and digital) • Practical Record Book • Viva Voce	**7**	
TOTAL	**140**	**100**

CLASS – XII GEOGRAPHY

DISTRIBUTION OF MARKS

Theory	**70 marks**
Practical	**30 marks**

A. Fundamentals of Human Geography	35 marks
B. India People and Economy	35 marks
C. Practical Work - 30 marks	30 marks
Total	100 marks

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
A. Fundamental of Human Geography		**35**
UNIT I: Human Geography: Nature and Scope 1. Introduction 2. Human Geography 3. Nature of Human Geography: Naturalization of Human and Humanization of nature.	**4**	
UNIT II: The People **1. The world Population: Distribution, Density and Growth.** i) World Distribution, of Population Density ii) Factors influencing Population Distribution. iii) Population Growth iv) Components of Population Change: Pull and Push Factors of Migration. v) Demographic Transition. **2. Population Composition:** i) Sex Composition. ii) Age Structure iii) Literacy. **3. Human Development** i) The Four Pillars of Human Development. ii) Measuring Human Development	**10**	

UNIT III: Human Activities **1. Primary activities.** i) Hunting and Gathering. ii) Agriculture: Subsistence and Plantation iii) Mixed Farming: dairy Farming. iv) Horticulture 2. **Secondary Activities:** i) Location of Industries ii) Classification of Manufacturing Industries. iii) Some Major Industries of the world: Iron and Steel and Cotton Textile Industry coal and petroleum. 3. **Tertiary and Quaternary Activities:** i) Types of Tertiary activities ii) Communication Service. iii) Some selected Examples: Tourism factors And Tourist attraction. iv) Quaternary Activities: Quinary activities	**14**	
UNIT IV: **1.Transport, Communication and Trade** i) Land transport –Roads, Railways: Trans-Continental railways, Oil and gas Pipeline transport. ii) Water transport - inland waterways; Mayor ocean routes iii) Air transport - Intercontinental air routes **2. International trade** i) Introduction based. ii) Basis of International Trade iii) Types of International Trade. iv) World Trade Organisation (WTO) v) Regional Trade Blocs. vi) Types of Port	**14**	
UNIT V: Human Settlement i) Settlement types - rural and urban; ii) Rural Settlement iii) Urban settlement iv) Functional of towns v) Classification of Towns on the basis of forms	**6**	
B: India People and Economy		**35**
UNIT I: People **1. Distribution of Population–** i) Density of Population ii) Growth of Population; Regional Variation iii) Linguistic and religious compositions	**10**	

2. Migration – i) causes and consequences 3.Human development - selected indicators (literacy and occupations)		
UNIT II; Human settlements i) Urban settlements - functional classification	**6**	
UNIT III: **Resource and development** **1. Land resources -** i) General land use; agricultural land use - major ii) Crops - agricultural (Rice, wheat, cotton and jute) 2. **Water resource utilization** –irrigation; scarcity of water and Conservation method - rain – water harvesting **3. Minerals and energy resources** i) Metallic mineral (iron ore, copper, bauxite) and non-metallic minerals (limestone and dolomite). Their distribution ii) Conventional and non-conventional energy **4. Industries–** i) Types and distribution, industrial location and clustering; ii) Changing pattern of selected industries- iron and steel petrochemicals	**15**	
UNIT IV: Transport, Communication and International Trade i. Transport and communication - roads, railways, waterways and airways; oil and gas pipelines; national electric grid; satellite ii. International trade - changing patterns of India's foreign trade; seaports and their hinterland and airports	**10**	
UNIT V: Geographical perspective on selected issues and problems 1. Environment pollution, urban-waste disposal 2. Urbanization- Rural- Urban migration; problems of slum 3. Land degradation	**6**	
UNIT VI: Regional study of Meghalaya i) Relief, ii) climate, iii) agriculture iv) minerals	**6**	

C. PRACTICAL SYLLABUS		**30**
UNIT I: Processing of Data and Thematic Mapping i. Sources of Data (primary and secondary) ii. Tabulation and processing of data; Calculation of averages, measures of Central tendency. iii. Representation of data - choropleth and isopleths maps	**12**	
UNIT II: **Map Projection and used of computer in Data Processing** i. Map projection - topology construction and properties of conical with one standard parallel and Mercator's projection ii. Use of computers in data processing and mapping	**7**	
UNIT III: Field Study 1. Field visit and study on any one of the local concerns : pollution, land-use, or literary (any one topic may be taken up for study; observation and questionnaire survey may be adopted for the data collection; collected data may be tabulated and analyzed with diagrams and maps) • Practical Record Book • Viva Voce		
TOTAL	**120**	**100**

CLASS – XI EDUCATION

DISTRIBUTION OF MARKS

Section – I: Education	**=**	**60 marks**
Section – II: Psychology of Education	**=**	**40 marks**
Total	**=**	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
SECTION I - EDUCATION		**15**
1. Education - Broad *&* Narrow Meaning i. Definitions on Education ii. Aims of Education a) Individual aims b) Social aims c) Aims for National Development	**6**	
2. Agencies of Education i. Formal ii. Inform iii. Non-formal	**3**	**15**
3. Levels of Education i. Educational ladder — Elementary, Secondary, Higher Education (Basic concepts)	**6**	**15**
4. Constitutional Provisions Relating to Education i. Free and Compulsory Education ii. Religious Instruction iii. Language Safe Guards iv. Equality of Educational Opportunities v. Education of Minorities vi. Education of Weaker Sections & Scheduled Castes vii. Instruction in Mother Tongue	**8**	**15**
SECTION II – PSYCHOLOGY OF EDUCATION		
5. Introduction i. What is Psychology? ii. Branches of Psychology iii. Relationship between Psychology and Education	**3**	**10**

7. Growth and Development i. Meaning of Growth and Development ii. Factors influencing growth and development	**2**	**10**
8. Developmental stages - Infancy, Childhood and Adolescence	**6**	**10**
9. Learning and Motivation i. Concept of Learning ii. Theories and Laws of Learning. Trial & Error Theory (Thorndike), Gestalt (Insightful learning), Conditioning (Pavlov's) iii. Factors facilitating Classroom learning iv. Motivation in Learning - What is motivation? - Role of Motivation in learning – cooperation and interest.	**8**	**10**
TOTAL	**42**	**100**

CLASS – XII EDUCATION

DISTRIBUTION OF MARKS

Section – I: Education	**=**	**60 marks**
Section – II: Psychology	**=**	**40 marks**
Total	**=**	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
SECTION I - EDUCATION		
1. CURRICULUM: i. Concept of Curriculum. ii. Types of Curriculum • Child centred • Subject centred • Activity centred	**6**	**10**
2. INCLUSIVE EDUCATION i. Meaning and Concept ii. Importance of Inclusive Education (As a basic human right) iii. Children with Special Needs (Physically and Mentally challenged) - Preliminary Idea. iv. Approaches to Inclusive Education • Discrimination and Psycho • Social Implications.	**10**	**20**
3. ART EDUCATION i. Concept of Art Education ii. Modes of Expression - Visual Arts. iii. Performing Arts. iv. Need and Importance of Art Education. v. Stages and Process of Imparting Art Education	**5**	**15**
4. **EDUCATIONAL TECHNOLOGY** i. Meaning and definition of Educational Technology ii. Types of Educational Technology iii. Forms of Educational Technology	**3**	**15**

SECTION II – PSYCHOLOGY		
1. PSYCHOLOGICAL ATTRIBUTES: i. Individual differences in human functioning - meaning, factors and significance. ii. Intelligence: iii. Concept of Intelligence. iv. Theories of Intelligence. • Spearman's Theory. • Thurstone's Theory v. Individual Differences in Intelligence	**10**	**20**
2. PERSONALITY i. Personality — Concept, definition and nature. ii. Factors affecting personality development. iii. Structure of Personality - type and trait approaches	**3**	**10**
3. ATTENTION AND MEMORY: i. Attention — • Characteristics • Types. ii. Attention and Interest — their Educational Implications. iii. Memory — Meaning and Definition iv. Factors involved in Memory v. Forgetting — Nature and Causes.	**3**	**10**
TOTAL	**40**	**100**

CLASS – XI HOME SCIENCE

Theory – 70 marks

Practical – 30 marks

Total - 100 Marks

Theory:

Full Marks: 70

Unit	Title	Marks
I	Chemistry	20
II	Human Development	25
III	Family Resource Management	25
	Total	**70**

Practical:

Full Marks: 30

Sl. No	Evaluation Scheme for Examination	Marks
1.	Chemistry	7
2	Human Development	8
3	Family Resource Management	8
4	Practical Journal	5
5	Viva Voce	2
	Total	**30**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I – CHEMISTRY	**20**	**20**
1. Structure of Atom: Rutherford's model, Bohr's Model. 2. Concept of Energy levels (orbits): Concept of shells, subshells, and orbitals. 3. Quantum Theory, electronic configuration of elements. 4. Chemicals Bonding: Kossel - Lewis approach to bonding – ionic bonding, covalest bonding, Resonance structures, Electronegativity, Hybridisation (quantitative treatment of sp, sp2, sp3) 5. Organic Chemistry: Hydrocarbons - elementary idea of alkanes, alkenes, alkynes, their general formulae. 6. Biomolecular Chemistry: Carbohydrates - classification, structures of pentoses and hexoses. Amino acids - Structures, peptide bond. Proteins - Simple idea of primary, secondary, tertiary and quaternary structures.		
UNIT II - HUMAN DEVELOPMENT	**26**	**25**
Meaning and Principles of Growth and Development.		
1. Infancy (0-1 years): Meaning and development Tasks of infancy. Physical care: Feeding: (breast feeding, artificial feeding, supplementary feeding and weaning) Bathing, Toilet training and clothing. Physical and Motor development. Immunisation 2. Early childhood (1-4 yrs) Meaning and development tasks of early childhood. Emotional development: (fear, anxiety, anger, jealousy, joy, pleasure, delight). Physical development. Language development. Social development. Intellectual development. Common ailments: (fever, common cold, allergy, diarrhoea, whooping cough, worm infestation). 3. Late Childhood (4 - 12 years) Meaning and development tasks of Late childhood. Emotional development (fear, anxiety, anger, curiosity, joy, pleasure). Physical development. Social development. Intellectual development. 4. Adolescence (12 - 18 years) Meaning and tasks of adolescence. Physical development. Emotional		

development: (Grief, affection, love, anger). Social development		
UNIT II - FAMILY RESOURCE MANAGEMENT	**25**	**25**
1. My house and Its Care: Meaning and characteristics of a house. Planning and layout of a house. Importance of cleaning. Care of the house (daily, weekly, monthly, seasonal cleaning) Principles and types of flower arrangement 2. Resources and their Management Meaning, characteristics and classification of resources. Budgeting, Meaning and need for management. Steps in Management (planning, organizing, controlling, implementing and evaluating) 3. Household Equipments: Care, maintenance and use of household equipments: Gas stove, immersion rod, pressure cooker, cutting devices (peelers, cutters and graters)		
PRACTICALS	**4**	**30**
Evaluation Scheme for Examination		
1. Chemistry 2. Human Development 3. Family Resource Management 4. Practical Journal 5. Viva Voce		
1. CHEMISTRY **2. HUMAN DEVELOPMENT** i. Prepare a feeding schedule for an infant of 8 months old. ii. Interview two working mothers in your neighbourhood to find out their arrangements for children in their absence for the children below 4 years and evaluate. 3. **FAMILY RESOURCE MANAGEMENT** i. Plan a monthly budget with your pocket money. ii. Cleaning of Gas Stove and Pressure Cooker.		
TOTAL	**75**	**100**

CLASS – XII HOME SCIENCE

DISTRIBUTION OF MARKS

Theory – 70 marks
Practical – 30 marks

Total - 100 Marks

Theory:
Full Marks: 70

Unit	Title	Marks
I	Community Development and Services	20
II	Textiles and Clothing	25
III	Food and Nutrition	25
	Total	70

Practical:
Full Marks: 30

Sl. No	Evaluation Scheme for Examination	Marks
1.	Community Development and Services	7
2	Textiles and Clothing	8
3	Food and Nutrition • Practical Journal • Viva Voce	8 5 2
	Total	30

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
I. Community Development and Services (Theory)	**20**	**20**
1. **Community Development**: Definition, Objectives, Principles and philosophy of Community Development. 2. **Food Laws and Food Standards**. Consumer rights, Consumer challenges, Food adulteration 3. **Community Development Programmes**. Feeding programmes (Local, State, National); Rural Employment Programme (TRYSEM, Village Co-operatives, Mahila mandals, Youth clubs); Adult Education Programmes. 4. **Kitchen Gardening**. Importance of kitchen		

gardening, Layout of a Kitchen garden, Compost making.		
PRACTICAL	**18**	**7**
Simple Test for Checking Adulteration in 1. Wheat 2. Rice 3. Red Gram Pulse 4. Tea leaves 5. Turmeric powder 6. Chilly Powder 7. Pepper Corns		
II. Textiles and Clothing (Theory)		**25**
1. **Fibre Science**: Classification of fibres with examples, Properties of fibres (chemical and physical) of cotton, wool, silk, polyester, Identification of fibres (visual inspection, microscopic observation, burning and chemical tests/ of cotton, wool, silk, polyester.) 2. **Yarn**: Yarn making processing, Types of Yarns 3. **Stains:** Meaning, classification of stains with examples! Removal of stains from different fabrics. Fabrics - Cotton, wool, silk, synthetics.Stains - Blood, ink, curry, lipstick, grease, tea, ice-cream. 4. **Bleaching:** Meaning and use of different bleaching agents. Types of bleaching agents. 5. **Sewing:** Sewing equipments and tools.		
PRACTICAL		**8**
Microscopic Identification of Fibres: 1. Cotton 2. Wool 3. Silk and 4. Polyester **Removal of Stains Cotton Fabric:** 1. Curry 2. Ice-cream 3. Lipstick and 4. Tea **Drafting and Construction of an Apron**. (*3 Internal Assessment of the Completed Product. The marks should be added in to the Final Board		

Practical Examination)		
III. Food and Nutrition (Theory)	**25**	**25**
1. **Foods and Nutrition:** Definition and Meaning of Food, Nutrition and Health. Functions and Constituents (nutrients) of food. 2. **Diets:** Definition and Meaning of Balanced and Therapeutic Diets. **Balanced Diet and Nutritional Requirements during:** i. Infancy (0- 2 yrs), ii. Pre-school (2 -6 yrs), iii. School Age (6-12 years) and Adolescence (12 - 18 yrs). 1. **Deficiency Diseases:** Definition, Causes and Preventive measures of: 2. Protein-Calorie Malnutrition. (Kwashiorkor, Marasmus and Marasmic Kwashiorkor), Iron deficiency, Iodine deficiency, Vitamin-A deficiency. 3. **Methods of Food Preparation:** General principles and methods of food preparation: Boiling, Steaming, Pressure Cooking, Deep and Shallow Frying, Roasting and Grilling		
PRACTICAL	**7**	**8**
1. Using Different Methods of Cooking, Prepare Snacks with Locally Available Foods: i. Cereals, ii. Pulses, iii. Meat, iv. Fish and v. Egg.		
Practical Journal:		**5**
Viva voce:		**2**
TOTAL	**70**	**100**

CLASS – XI GEOLOGY

DISTRIBUTION OF MARKS

Theory	70 marks
Practical	30 marks
Total	100

UNIT/CHAPTER RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: General Geology 1. Geology: different branches 2. Recent thoughts on the origin of the Earth/Solar system. 3. Geological Time Scale; 4. Weathering: definition, agents and processes; erosion, denudation and deposition. 5. Geological work of running water and resulting erosional and depositional features. 6. Earthquakes - causes, seismic waves, seismograph, seismogram; Earthquake intensity and magnitude. Earthquake belts of the World. Earthquake zones of India.	**18**	**15**
UNIT II: Crystallography and Mineralogy 1. Crystal: its definition, external form, symmetry elements, axial elements and classification into 6 systems. 2. Study of the Normal class of the following systems: Isometric, Tetragonal 3. Minerals: definition, physical properties and chemical composition. 4. Elementary knowledge of optical mineralogy: Definition - polarization of light, doubled refraction, pleochroism, refractive index, birefringence, isotropism and anisotropism, extinction, interference color, twinning.	**12**	**13**
UNIT III: Structural Geology and Geotectonic: 1. Rock deformation: definition, types-elastic, plastic, brittle deformation; 2. Basic structural elements: line and plane strike, dip. 3. Folds: definition, elements of folds - limbs, hinge, fold axis, axial surface, Types of	**12**	**14**

folds - antiform, synform, syncline, anticline, recumbent folds, symmetrical folds, asymmetrical folds 4. Faults: definition, fault zone; element's of a fault - fault plane, hanging wall, footwall, fault angle, , slip. Types of faults - Dip Slip faults (Normal Slip fault, Reverse Slip fault, and Thrust Slip fault), Strike Slip fault, Oblique Slip fault. 5. Joints: definition; joint set, joint system; extensional joints and shear joints. 6. Concept of Plate Tectonics: lithosphere, asthenosphere, plates, plate motion and plate boundaries.		
UNIT IV: Igneous Petrology 1. Magma: definition and composition; crystallization of magma 2. Bowen's Reaction Series. 3. Magmatic differentiation and assimilation. 4. Igneous Rocks: Mode of occurrence - intrusive and extrusive rocks. Structures and textures of igneous rocks. 5. Simple classification of igneous rocks based on mineral constituents.	**15**	**15**
UNIT V: Metamorphic Petrology 1. Metamorphism: definition and concept. 2. Factors and types of metamorphism; 3. Preliminary idea of metamorphic grades Structures and textures of metamorphic rocks.	**5**	**13**
PRACTICALS 1. Study of crystals belonging to the Isometric, Tetragonal and Hexagonal systems: clinographic sketch; identification of crystals and determination of general symbol (Miller indices). 2. Identification of the following minerals in hand specimens on the basis of physical characters and chemical composition: 3. Quartz, orthoclase, plagioclase, calcite, augite, hornblende, olivine, garnet, tourmaline, muscovite, biotite, sillimanite, kyanite, gypsum. 4. Identification of the following minerals on the	**45**	**30**

basis of optical characters under the microscope with drawings: quartz, orthoclase, microcline, plagioclase, augite, hornblende, biotite, olivine. 5. Identification of the following igneous and metamorphic rocks in hand specimens on die basis of their physical characters, mineralogy, texture and structure: 6. Granite, diorite, pegmatite, rhyolite, gabbro, dolerite, basalt, slate, schist, gneiss, marble, phyllite. 7. Measurement of orientation of lines and planes with the help of the clinometer compass and protractor. 8. Description of geological maps and drawing of cross sections. 9. Field work of 4 (Four) days duration as per the requirement of the syllabus and Viva voce		
TOTAL	**107**	**100**

CLASS – XII GEOLOGY

DISTRIBUTION OF MARKS

Theory	70 marks
Practical	30 marks
Total	100

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
THEORY		**70**
UNIT I: Sedimentology 1. Processess of formation of sedimentary rocks 2. Textures of sedimentary rocks. 3. Structures of sedimentary rocks - beds, laminations, ripple marks, current beddings, mud cracks, borings. 4. Genetic classification of sedimentary rocks: clastics and non-clastics. 5. Elementary idea of the classification of sedimentary environments of deposition.	**12**	**13**
UNIT II: Paleontology 1. Paleontology: definition and scope. 2. Fossils: definition, conditions for preservation and modes of preservation. 3. Morphological study of the following phyla: Brachiopoda and Mollusca (Lamellibranchia. 4. *Study of the following Gondwana flora: Glossopteris, Gangamopteris.*	**10**	**15**
UNIT III: Stratigraphy 1. Lithostratigraphy of the following: Precambrian of Dharwar Supergroup of Karnataka, Vindhyan Supergroup of Sone Valley, Palaeozoic of Spiti and Tertiary of Upper Assam.	**12**	**14**
UNIT IV: Mineral and Energy Resources 1. Definition of ore, gangue and tenor. 2. Processes of formation of mineral deposits- Magmatic, Sedimentary and Metamorphic processes. 3. Study of the mode of occurrence, distribution in India and uses of the following mineral resources: hematite, bauxite, magnetite, chromite and mica. 4. Petroleum: origin, migration and accumulation; occurrence of petroleum in Northeastern region. 5. Coal: origin and mode of occurrence; types of coal; coal deposits of North - eastern region.	**18**	**15**

UNIT V: Engineering Geology, Groundwater, Environment and Disaster Studies 1. Engineering Geology: definition. Geological considerations in the construction of dams. Groundwater: definition, porosity and permeability; hydrologic cycle; aquifer. 2. Environment: impact of open-cast and underground mining on the environment. 3. Disasters: Landslides- causes, effects and remedial measures.	**15**	**13**
PRACTICALS: 1. Identification of the following sedimentary rocks in hand specimens on the basis of their physical characters, mineralogy, texture and structure: 2. Sandstone, limestone, shale, conglomerate, clay and coal. 3. Drawing, labelling and study of the morphological characters of the following fossils with mention of their respective age-range: Spirifer, Productus, Terebrahda, Unio, Ostrea, Exogyra, Pecten, Cardita, Conus, Physa, Turritella, Nautilus, Perisphinctis, Glossopteris, Gangamopteris, Vertebraria and Ptillophylum. 4. Identification of rocks from Meghalaya on the basis of their stratigraphic position, age and characteristic lithological features : 5. Mylliem Granite, Khasi Greenstone, Quartzite and Phyllite of the Shillong Group, Sylhet Trap, Mahadek Sandstone, Therria Sandstone, Lakadong Limestone, Prang Limestone, Tura Sandstone, Siju Limestone. 6. Recognition in hand specimens of the following economic minerals on the basis of physical characters and chemical composition: 7. Galena, sphalerite, chalcopyrite, hematite, magnetite, chromite, asbestos, bauxite and pyrolusite. 8. Field work of 4 (Four) days duration as per the requirement of the syllabus and Viva voce	**45**	**30**
TOTAL	**112**	**100**

CLASS – XI ANTHROPOLOGY

DISTRIBUTION OF MARKS

Theory	70
Practical	30
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
Part I – Theory		**70**
UNIT I Anthropology: The Study of Human 1. Meaning, aim and scope. 2. Core branches. 3. Relationship to other Science: Sociology, History, Biology, Geology.	**13**	
UNIT II Man's place in the Animal Kingdom 1. Classification of the order Primate. 2. Characteristics of Primate order – great apes and man.	**8**	
UNIT III Human Evolution 1. Evidences of evolution (Embryological, Morphological and Palaeontological). 2. Principles of evolution (Natural Selection, Mutation, Genetic Drift and Migration)	**12**	
Part II – Theory		
UNIT I Culture and Society 1. Culture and its characteristics, 2. The concept of Society and Socialization. 3. Relation between Society and Culture.	**9**	
UNIT II Social Institutions 1. Family-function and types. 2. Marriage-types, regulations of marriage, marriage payment. 3. Kinship-Descent and residence, Kinship Terminology (Morgan).	**16**	
UNIT III Social Groups 1. Primary and Secondary groups. 2. Kin-groups (Lineage, Clan, Phratry and Moiety).	**8**	
UNIT IV Religious Aspect of Culture 1. Religion-definition, function and types (Animism,	**10**	

Animatism, Manaism and Naturism). 2. Magic-definition, and types (Frazer's).		
UNIT V Economic Aspect of Culture 1. Foraging, Hunting and Fishing. 2. Domestication of animals and plants (food production).	**12**	
UNIT VI Fieldwork in Anthropology 1. Stages of fieldwork. 2. Data collection- Interview, Observation and Genealogy.	**8**	
Part III – Practical	**30**	**30**
UNIT I Somatometry Measurements of the following somatometric indices should be taken from at least five subjects: 1. Cephalic-Index: Head-length, breadth and circumference. 2. Nasal & Facial Index: Nasal length and breadth, Facial height and Bizygomatic breadth. 3. Height vertex and sitting height.		
UNIT II Somatoscopy Observation and classification of the following somatoscopic characteristics should be taken from at least five subjects: 1. Skin colour, Hair- colour, form and texture. 2. Eye- colour, slit and epicanthic fold. 3. Nose form, Chin form and Lips form.		
TOTAL	**112**	**100**

CLASS – XII ANTHROPOLOGY

DISTRIBUTION OF MARKS

Theory	70
Practical	30
Total	**100 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
Part I – Theory		
UNIT II Human Adaptation 1. Concept of Adaptation. 2. Morphological adaptation. 3. Ecological adaptation (cases of Mountain, Desert, Coastal and Riverine).	**10**	**7**
UNIT III Human Growth 1. Concept of Growth. 2. Stages of growth. 3. Factors responsible for growth and development.	**10**	**13**
UNIT IV Human Race 1. Race formation. 2. Major races of the world. 3. Classification of Indian population by Risley and Guha.	**15**	**12**
Part II -- Theory		
UNIT II Prehistoric Technology 1. Techniques of tool-making. 2. Palaeolithic typologies (Chopper, Handaxe and Cleaver). 3. Mesolithic and Neolithic typologies (Microliths and Celts).	**13**	**12**
UNIT III Main features of Prehistoric Cultures 1. Palaeolithic: Lower, Middle and Upper Palaeolithic cultures. 2. Mesolithic and Neolithic cultures. 3. Prehistoric Arts.	**10**	**12**
UNIT V Gender and Culture 1. Concept of Sex and Gender, 2. Women's status I North-East India (Patrilineal and Matrilineal societies).	**10**	**7**
UNIT VI Indian Society 1. Caste: and characteristics of caste, concept of Schedule Caste and OBC. 2. Tribe: Concept of Tribe, Tribal Problems and Welfare measures.	**13**	**7**

3. Social change in India: Culture contact, Sanskritization and Modernization.		
Part III – Practical		
UNIT I Prehistoric Culture Drawing and identification of the following: 1. Chopper, Handaxe& Cleavers (5 Nos.). 2. Blades and Scrapers (4 Nos.) 3. Microliths, Celts and Ring-stones (6 Nos.).	**18**	**15**
UNIT II Human Bones Drawing and identification of the following: 1. Long bones (4 Nos.). 2. Flat bones (2 Nos.)	**12**	**15**
TOTAL	**111**	**100**

CLASS – XI MUSIC (THEORY)

Unit-wise weightage

Theory Paper **Time: 3 Hrs.** **Marks: 70**

Unit	Marks
A. Fundamentals of Music	45
B. Harmony	25
Total	**70**

MUSIC (PRACTICAL)

Unit-wise weightage **Practical Paper Time: 3 Hrs.** **Marks: 30**

Unit III	Marks
A. Individual exam	18
B. Group exam (Ear testing)	12
Total	**30**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Fundamentals of Music	**35**	**45**
i) Rhythm notation, meter, measure, time signature. ii) Tone and its representation iii) Pitch notation including accidentals iv) Intervals v) Scales and key signatures. 1. Major 2. Minor: natural, melodic, harmonic forms 3. Relative and tonic major and minor vi) Triads vii) Musical markings, sign and symbols		
UNIT II: Harmony	**35**	**25**
1. Write 3-part (3-voice) diatonic primary triads (I, IV, V in major and minor keys) and their inversions in both clefs. i) by letter name (ex: D, E_6 , Gm) ii) by roman numeral in key context with symbols, primary triads only (ex: key of F:V_3^5, IV_6 , I_4^6 iii) by triad name/function (ex: key of G minor: [1] tonic triad- 1st inversion; [2] dominant triad-root position) **2. Write 4-part root-position primary triads, and the**		

tonic $\frac{6}{4}$ in major and minor keys, with any triad tone in the soprano. **(4-part chords to be written in "keyboard style", the style used in the FM textbook (3 notes in treble clef, bass note in bass clef), also termed "3 x 1" or "3 + 1" style).** **3. Write these 4-part cadences in major and minor keys.** i) perfect authentic (UK name: perfect) ii) half (UK name: imperfect) iii) perfect plagal (the 'Amen' cadence) **4. Write 4-part chord progressions using root-position primary triads and the tonic $\frac{6}{4}$ in major and minor keys eg:** i) A major: I V I IV I (start with 5th in the soprano) ii) B Major: I IV I^{6}_{4} V I (start with 3rd in the soprano) iii) C minor: i iv V I (start with root in the soprano)		
UNIT III: Music Practical		
Individual exam		**18**
1. **Be able to sing the following:** i) Major scale up and down from any degree (ex: up from RE, down from TI). ii) Minor scale up and down from the tonic only (3 forms). iii) Melodic intervals up and down either from a given pitch or candidates own pitch: major and minor 2nds, 3rds, 6ths; perfect unison, 4th, 5th, 8ve. 2. **Be able to play the following on a keyboard:** 1. Individual notes (black and white) by key (letter) name 2. These major scales: C D F G A B-flat 3. These major triads: C D E F G A B-flat	**30** **20**	
Group exam (Ear testing). Be able to identify:	**20**	**12**
1. Scales i) Major from any degree up or down. ii) 3 forms of minor from the tonic only iii) Chromatic iv) Pentatonic **2. Intervals - same as in A. 1. c. above** **3. Meters: duple, triple, quadruple, fast compound duple (6/8 time).**		
TOTAL	**140**	**100**

CLASS – XII MUSIC (THEORY)

Unit-wise weightage

Theory Paper **Time: 3 Hrs.** **Marks**: 70

Unit	Marks
I. Harmony	25
II. Music appreciation	25
III. Western and Non-Western music	20
Total	**70**

MUSIC (PRACTICAL)

Unit-wise weightage **Practical Paper Time: 3 Hrs.** **Marks: 30**

Unit III	Marks
1. Individual exam	18
2. Group exam	12
Total	**30**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Harmony	**20**	**25**
1. Write 3-part diatonic secondary triads (ii, iii, vi, vii), root position and 1st inversion in either clef in major keys only. i) by letter name (ex: Bm^6 , Am^+ , $F\#^0$). ii) by roman numeral in key context with figured bass symbols (ex: key of G: vi, iii, ii) iii) by triad name/ function (ex: key of E major: [1] median-root position [2] supertonic -1st inversion (4-parts chords are to be written in "Keyboard style" (3 notes in treble clef, bass note in bass clef), the style used in the textbook (also termed "3 x 1" or "3 + 1" style]) 2. Write these 4-part secondary triads in major keys: median and submediant (root position) and supertonic (root position and 1st inversion), with any tone in the soprano (N.B. 4-part secondary triads in minor are not part of the syllabus) 3. Write the V7 chord in root position, in major and minor keys, with its correct resolution, on either staff; and in 4-part harmony (on 2 staves), root position with any tone in the soprano		

4. Non-harmonic tones (non-essential tones, non-chord tones) i) passing tone (PT) - diatonic and chromatic ii) neighbour tone (NT) - diatonic and chromatic iii) anticipation (A) (Be able to write an example of a NT. Be able to use PT and A in the chord progressions given in No. 4 above).		
UNIT II: Music Appreciation	**20**	**25**
A1. Characteristics of musical tones i) Pitch ii) Duration (length). iii) Intensity (dynamics). iv) Quality (tone colour/ timbre). **2. Basic elements of music: Rhythm, Melody, Harmony.** **3. Additional musical elements. Meter, Tempo, Tonality and mode, Modulation** **B. Source of musical sound** 1. Human Voices 2. String Instruments (Chordophones) 3. Wind instruments (aerophones) Woodwinds; Brass 4. Percussion instruments (membranophones, idiophones) 5. Keyboard – family 6. Electronic instruments (electrophones) **C. Musical Textures** • Monophony • Heterophony • Polophony • Homophony **D1. Musical forms:** one part, binary, ternary, strophic, rondo, sonata-allegro, theme and variations **2. Folk (traditional) music**		
UNIT III: Brief overview of Western music history (1600 to 1900 AD) and Music in Non- Western Cultures		**20**
A. Brief overview of Western Musical History (1600-1900 AD)		
1. Renaissance: Burgundian Period; Flanders; Musical Genres; musical instruments.	10	

2. Baroque (1600-1750) i) Musical characteristics: unity of mood rhythm, melody, terrace dynamics, texture, figured bass. ii) Bach and Handel **3. Classical period (1750-1828)** i) Sonata ii) Chamber music: string quartet iii) Orchestral music: symphony, concerto iv) Haydn, Mozart, Beethoven. **4. Romantic period (1828-1900)** i) Programme music ii) Nationalism in music	20 20 10	
B. Music in Non-Western Cultures	**10**	
1. Historical Perspective i) Cultural differences and similarities ii) Cultural interchange **2. Characteristics** i) Timbre ii) Texture • Rhythmic polyphony • Diaphony • Call and response iii) Duration iv) Pitch • Pentatonic scales • Microtones v) Dynamics		
UNIT IV: Music (Practical)		**30**
Individual exam: Sight-singing and conducting		
1. **Rhythm recitation: Recite the rhythm only of any voice part of two hymns or songs** i) one in $^{3}/_{4}$ or $^{4}/_{4}$ time ii) one in $^{6}/_{8}$ time 2. **Sight-reading:** Sing at sight two songs or hymns tunes in any major key up to 5 sharps or flats, in a simple meter: i) the soprano part of one song/hymn tune ii) the alto, tenor, or bass part of another song/hymn tune. (The songs/hymn tunes will normally be 8 measures long and include 1-2 accidentals). 3. **Conducting:** Conduct one song in either triple, quadruple, or fast compound duple time/ meter, as the examiner plays or sings along with the candidate.	15 25 10	
B. Group Exam: Melodic dictation in major keys		

only, upto 4 sharps or flats Write the pitches and rhythm of the melodies played by the examiner in either clef. (N.B. There will be No. 6/8 time, triplets or rests)		
TOTAL	**160**	**100**

CLASS – XI STATISTICS

Group	Number of Periods	Marks
GROUP-A	4	30
GROUP-B	5	35
GROUP-C	5	35
Total	**14**	**100**

UNIT/CHAPTERS RETAINED	NUMBER PERIODS	MARKS
GROUP-A **Finite Differences**: A and E operators, construction of difference table. Newton's forward and backward interpolation formulae.	**4**	**30**
GROUP-B **Probability:** Random experiments, sample point and sample space (finite, simple and compound events, relation among events. Basic assumptions and definition of probability. Theorem on total probability (two events only). Definition of conditional probability, compound probability (Elementary problems only).	**5**	**35**
GROUP-C 1.**Descriptive Statistics:** Collection of data; classification and tabulation; diagrammatic representation of statistical data. Frequency distributions; Histograms, Frequency Polygon and Ogive. Measures of location and dispersion. 2. **Vital Statistics:** Definition and Sources of vital statistics.	**5**	**35**
TOTAL	**14**	**100**

CLASS – XII STATISTICS

Group	Number of Periods	Marks
GROUP - A	7	50
GROUP-B	2	20
GROUP-C	6	30
Total	**15**	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
GROUP-A **1. Mathematical expectation:** Definition of random variable and expectation. Statement of theorem on the expectation of sum and product of several variables. (Proof not necessary) Simple problems **2. Standard distribution:** Definition of Bernoulli trials, Binomial and Normal distributions. (Their definitions, expressions for mean and standard deviation, properties, example and simple problems involving their uses, no derivations).	**7**	**50**
GROUP-B **Time Series:** Components of time series and moving average. To determine trends. (Only free hand smoothing and method of moving averages).	**2**	**20**
GROUP-C **Sample survey:** Sampling versus census; sources of errors in a survey - sampling and non-sampling: simple random sampling (definitions, uses, expressions for estimation of mean, total and standard deviations). Stratified random sampling; definition, uses, advantages, expression for the estimates of mean and total. (Derivation is not necessary).	**6**	**30**
TOTAL	**15**	**100**

CLASS – XI SOCIOLOGY

DISTRIBUTION OF MARKS

Unit wise Weightage **Marks: 80**

Units	Marks
A. Introducing Sociology	**38**
1. Society, Sociology and relationship with other social sciences	7
2. Basic Concepts	9
3. Social Institutions	11
4. Culture and Society	11
5. Practical Sociology: Methods & Techniques: Evaluated through Practical	
B. Understanding Society	**42**
6. Structure, Process and Stratification	12
7. Social Change	12
8. Western Social Thinkers	9
9. Indian Sociologists	9

PRACTICAL

Marks 20

Unit wise Weightage

A. Project (undertaken during the academic year at school level)	**07 marks**
i. Statement of the purpose :	2 marks
ii. Methodology / Technique	2 marks
iii. Conclusion	3 marks
B. Viva - based on the project work	**05 marks**
C. Research design	**08 marks**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
A. INTRODUCING SOCIOLOGY **UNIT I: Society & Sociology and Relationship with other social sciences** 1. Introducing Society: Individuals and collectivities. Plural Perspectives 2. Introducing Sociology: Emergence, Nature & Scope. Relationship to other disciplines	**22**	**7**
UNIT II: Basic Concepts 1. Social Groups 2. Status and Role 3. Social Stratification 4. Social Control	**22**	**9**

UNIT III: Social Institutions 1. Family and Kinship 2. Political and Economic Institutions 3. Religion as a Social Institution 4. Education as a Social Institution	**24**	**11**
UNIT IV: Culture And Society 1. Culture, Values and Norms: Shared, Plural, Contested 2. Socialization: Conformity, Conflict and the Shaping of Personality	**20**	**11**
B. UNDERSTANDING SOCIETY **UNIT VI: Structure, Process and Stratification** 1. Social Change: Types and Dimensions; Causes and Consequences. 2. Social Order: Domination, Authority & Law; Contestation, Crime & Violence 3. Village, Town & City: Changes in Rural & Urban Society	**22**	**12**
UNIT VII: Social Change	**5**	**12**
UNIT IX: Western Social Thinkers 1. Karl Marx on Class Conflict 2. Emile Durkheim on Division of Labour 3. Max Weber on Bureaucracy	**24**	**9**
UNIT X: Indian Sociologists 1. G.S. Ghurye on Race and Caste 2. D.P. Mukerji on Tradition and Change 3. A.R. Desai on the State 4. M.N. Srinivas on the Village	**24**	**9**
TOTAL	**163**	**80**

CLASS – XII SOCIOLOGY

Marks 80

Unit wise Weightage

Units	Marks
Indian Society	**38**
1. Introducing Indian Society	Non evaluative
2. Demographic Structure & Indian Society	8
3. Social Institutions-Continuity and change	8
4. Pattern of Social Inequality and Exclusion	12
5. Challenges of Cultural Diversity	10
6. Suggestions for Project Work	Non evaluative
Change and Development in Indian Society	**42**
7. Structural Change	8
8. Cultural Change	8
9. Change and Development in Rural Society	8
10.Change and Development in Industrial Society	8
11. Social Movements	10

PRACTICAL

Marks 20

Unit wise Weightage

A. Project (undertaken during the academic year at school level)	**07 marks**
i. Statement of the purpose	2 marks
ii. Methodology / Technique	2 marks
iii. Conclusion	3 marks
B. Viva - based on the project work	**05 marks**
C. Research design	**08 marks**
i. Overall format	1 mark
ii Research Question/Hypothesis	1 mark
iii. Choice of technique	2 marks
iv. Detailed procedure for implementation of technique	2 marks
v. Limitations of the above technique	2 marks
B & C to be administered on the day of the external examination	

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
INDIAN SOCIETY **UNIT I: Introducing Indian Society** 1. Colonialism, Nationalism, Class and Community	**10**	**Non-Evaluative**
UNIT II: Demographic Structure And Indian Society 1. Rural-Urban Linkages and Divisions	**10**	**8**
UNIT III: Social Institutions: Continuity & Change 1. Family and Kinship 2. The Caste System	**14**	**8**
UNIT V: Pattern of Social Inequality & Exclusion	**24**	**12**

1. Caste Prejudice, Scheduled Castes and Other Backward Classes 2. Marginalization of Tribal Communities 3. The Struggle for Women's Equality 4. The Protection of Religious Minorities 5. Caring for the Differently Abled		
UNIT VI: The Challenges Of Cultural Diversity 1. Problems of Communalism, Regionalism, Casteism & Patriarchy 2. Role of the State in a Plural and Unequal Society 3. What We Share	**12**	**10**
UNIT VII: Suggestions For Project Work	**18**	**Non-Evaluative**
B. CHANGE AND DEVELOPMENT IN INDIA **UNIT VIII: Structural Change** 1. Colonialism, Industrialization, Urbanization.	**10**	**8**
UNIT IX: Cultural Change 1. Modernization, Westernization, Sanskritisation, Secularization. 2. Social Reform Movements & Laws	**12**	**8**
UNIT XI: Change And Development In Rural Society 1. Land Reforms, Green Revolution and Agrarian Society	**10**	**8**
UNIT XII: Change And Development In Industrial Society 1. From Planned Industrialization to Liberalization 2. Changes in the Class Structure	**14**	**8**
UNIT XV: Social Movements 1. Class-Based Movements: Workers, Peasants. 2. Caste-Based Movements: Dalit Movement, Backward Castes, Trends in Upper Caste Responses. 3. Women's Movements in Independent India. 4. Tribal Movements. 5. Environmental Movements.	**22**	**10**
TOTAL	**156**	**80**

CLASS – XI PSYCHOLOGY

DISTRIBUTION OF MARKS

Unit wise Weightage **Marks: 70**

Units	Marks
I: Introduction to Psychology	08
II: Methods of Psychology	09
III: The Bases of Human Behaviour	08
IV: Human Development	07
V. Sensory and Perceptual Processes	08
VI. Learning	08
VII. Human Memory	08
VIII Language and thought	07
IX. Motivation and Emotion	07
Practical (Projects, experiments, small studies)	**30**
Total Marks	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
Foundations of Psychology		
UNIT I: Introduction to Psychology	**15**	**08**
1. Nature of psychology; 2. Evolution of the discipline of psychology; 3. Developments in psychology in India; 4. Psychology and other disciplines; 5. Linkages across psychological processes. 6. Emerging Perspectives:		
UNIT II: Methods of Psychology	**18**	**09**
1. Goals of psychological enquiry; 2. Some important methods: Observation, Naturalistic, Experimental; Correlational study; Interview, Case study; 3. Concepts and computation of the Measures of Central Tendency: 4. Graphical Presentation of Data: Bar, Histogram, Polygon; 5. Ethical issues in the study of psychological processes.		
UNIT III: The Bases of Human Behaviour	**12**	**08**
1. Nervous system and endocrine system: 2. Brain and behaviour, Role of Neurotransmitters in		

behaviour. 3. Sleep and weakfulness. 4. Culture and human behaviour: Socialization, Enculturation and Acculturation; Globalization;		
UNIT IV: Human Development	**15**	**07**
1. Meaning of development; Factors influencing development; 2. Contexts of development; Overview of developmental stages: Prenatal development, Infancy, Childhood, Adolescence (particularly issues of identity, health, social participation and moral development), Adulthood and Old age.		
UNIT V: Sensory and Perceptual Processes	**15**	**08**
1. Knowing the world; Nature of stimuli; 2. Nature and functioning of sense modalities; Sensory Adaptation; 3. Attention: Nature and determinants; Selective and sustained attention; 4. Principles of perceptual organization; Role of perceiver, characteristics in perception; Pattern recognition; Perceptual phenomena: After images; Space Perception,		
UNIT VI: Learning	**20**	**08**
1. Nature of learning and learning curve: 2. Paradigms of learnings: 3. Classical and Operant Conditioning, Observational Learning, Cognitive learning, Verbal learning, Concept learning, skill-learning; 4. Factors facilitating learning; 5. Learning disabilities;		
UNIT VII: Human Memory	**12**	**08**
1. Nature of memory; 2. Information Processing Approach; 3. Levels of processing; 4. Memory systems - Sensory memory, Short-term memory, Long -term memory; 5. Nature and causes of forgetting; Enhancing memory; Brain and memory.		
UNIT VIII: Language and Thought	**15**	**07**
1. Building blocks of thinking: 2. Thought and language: 3. Nature and inter-relationship; 4. Development of language and language use; 5. Reasoning: Problem-solving; Decision making;		

Creative thinking: Nature, process and development.		
UNIT IX: Motivation and Emotion	**12**	**07**
1. Human existence and nature of motivation; 2. Biological needs; 3. Social and psychological motives: 4. Achievement, Affiliation and Power, Maslow's hierarchy of needs; 5. Nature of emotions; Physiological, cognitive and cultural bases of emotions; Expression of emotions; Positive emotions; Happiness, Optimism, Empathy and Gratitude; Development of positive emotions; Managing negative emotions such as anger and fear.		
Practical (Projects, experiments, small studies, etc.)		**30**
The students shall be required to undertake one project and conduct one experiments. The project would involve the use of different methods of enquiry and related skills. Practicals would involve conducting experiments and undertaking small studies, exercises, related to the topics covered in the course (e.g. Human development, Learning, Memory, Motivation, Perception, Attention and Thinking). 1. Practical (Experiments) file 2. Project File 3. Viva Voce (Project and experiments) 4. One experiment		
TOTAL	**134**	**100**

CLASS – XII PSYCHOLOGY

DISTRIBUTION OF MARKS

Unit wise Weightage **Marks: 70**

Units	Marks
Psychology, Self and Society	**70**
I. Intelligence and Aptitude	10
II. Self and Personality	10
III. Human Strengths and meeting the Life Challenges	08
IV. Psychological Disorders	10
V. Therapeutic Approaches and counseling.	08
VI. Attitude and Social Cognition	08
VII. Social Influence and Group Processes	08
VIII. Environmental and social concerns	08
Practicals (Psychological Testing, Case Profile etc.)	**30**
Total Marks	**100**

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
Psychology, Self and Society		
UNIT I: Intelligence and Aptitude	**12**	**10**
1. Individual differences in intelligence: 2. Theories of Intelligence; Culture and Intelligence; Emotional intelligence;		
UNIT II: Self and Personality	**15**	**10**
1. Aspects of self: self-concept: Self-esteem and Self-regulation; Culture and self; 2. Personality: Concept; Approaches to Personality: Type and Trait, Psychodynamic, Humanistic, Behavioural and Cultural; Assessment of Personality: Self-report Measures, Behavioural Analysis, and Projective Measures.		
UNIT III: Human Strengths and Meeting Life Challenges	**10**	**08**
1. Nature, types and effects on psychological functioning; 2. Coping with stress; 3. Concepts of health and well-being though Life		

style changes.		
UNIT IV: Psychological Disorders	**15**	**10**
1. Concepts of abnormality and psychological disorder, Causal factors associated with abnormal behaviour, 2. Classification of disorder, Major psychological disorders: Anxiety, Mood, Schizophrenic, 3. Developmental and Behavioural Substance Related.		
UNIT V: Therapeutic Approaches and counseling	**12**	**08**
1. Nature and process of therapy; Nature of therapeutic relationship; Types of therapies: Psychodynamic, Humanistic, Cognitive, 2. Alternative therapies: Yoga, Meditation; Zen; Rehabilitation of mentally ill people.		
UNIT VI: Attitude and Social Cognition	**15**	**08**
1. Nature and components of attitudes; Attitude formation and change; 2. Behaviour in the presence of others: Pro-social Behaviour; Prejudice and discrimination; Strategies for handling prejudice.		
UNIT VII: Social Influence and Group Processes	**17**	**08**
1. Influence Processes: Nature of Conformity, Obedience and Compliance: 2. Cooperation and Competition; 3. Groups: Nature, formation and types; Influence of group on individual behaviour; 4. Social identity; Inter-Group Conflict; Conflict Resolution Strategies.		
UNIT VIII: Environmental and Social Concerns	**12**	**08**
1. Aggression and Violence; 2. Social Inequality and Poverty; 3. Media and human values; 4. Promoting pro-environmental behaviour,		
Practicals (Psychological Testing, Case Profile etc.)		**30**

The students shall be required to prepare one case profile and conduct 2 practicals related to the topics covered in the course. The case profile will include developmental history of the subject, using both qualitative (observation, interview) and quantitative (Psychological testing) approaches. Practical would involve using standardised psychological assessment devices in different domains (e.g. intelligence, personality, aptitude, adjustment, attitude, self-concept, and anxiety). 1. Practical File 2. Case Profile 3. Viva Voce (Case profile and practical) 4. Two Practical		
TOTAL	**108**	**100**

CLASS – XI PHYSICAL EDUCATION

DISTRIBUTION OF MARKS

Theory – 70 marks
Practical – 30 marks

Total - 100 Marks

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Physical Fitness, Wellness and Lifestyle Theory	**5**	**6**
1. Meaning and importance of Physical Fitness, Wellness and Lifestyle 2. Indicators of Health - Physical and Psychological 3. Preventing Health Threats through Lifestyle Change		
UNIT II: Changing Trends and Career in Physical Education	**6**	**5**
1. Define Physical Education, its Aims and Objectives 2. Concept and Principles of Integrated Physical Education 3. Concept and Principles of Adaptive Physical Education 4. Career Options in Physical Education		
UNIT III: Olympic Movement	**5**	**5**
1. Ancient and Modern Olympics 2. Olympic Symbols, Ideals, Objectives and Values 3. International Olympic Committee 4. Indian Olympic Association		
UNIT IV: Yoga	**5**	**8**
1. Meaning and Importance of Yoga 2. Elements of Yoga 3. Introduction to – Asanas, Pranayam, Meditation and Yogic Kriyas 4. Prevention and Management of Common Lifestyle Diseases; Obesity, Diabetes, Hyper Tension and Back-Pain		
UNIT V: Doping	**6**	**5**
1. Meaning and types of Doping 2. Prohibited substances and methods 3. Athletes responsibilities 4. Side effects of prohibited substances		

UNIT VI: Management of Injuries	**8**	**5**
1. Common sports injuries of soft Tissues, Joints and Bones 2. First-Aid in Common Sports Injuries 3. Prevention of Sports injuries 4. Rehabilitation through Massage and Exercise		
UNIT VII: Test and Measurement in Sports	**7**	**7**
1. Define Test and Measurement 2. Importance of Test and Measurement in Sports 3. Somato Types (Endomorphy, Mesomorphy and Ectomorphy)		
UNIT VIII: Fundamentals of Anatomy and Physiology	**10**	**8**
1. Define Anatomy, Physiology and its importance 2. Function of skeleton system, Classification of bones and types of joints 3. Function and structure of muscles 4. Function and structure of Respiratory System 5. Structure of Heart and introduction to Circulatory System		
UNIT IX: Biomechanics and Sports	**9**	**7**
1. Meaning and Importance of Biomechanics in Physical Education and Sports 2. Newton's Law of Motion and its application in sports 3. Equilibrium - Dynamic and Static and Centre of Gravity and its application in sports 4. Force - Centrifugal and Centripetal and its application in Sports		
UNIT X. Psychology and Sports	**6**	**6**
1. Definition and importance of Psychology in Physical Education and Sports 2. Adolescent problems and their management 3. Define Learning, Laws of Learning and transfer of Learning		
UNIT XI: Training in Sports	**9**	**8**
1. Meaning and Concept of Sports Training 2. Principles of Sports Training 3. Warming up and limbering down 4. Load, Adaptation and Recovery		

Practical	**7**	**30**
1. Physical Fitness - 2. Athletics - Any two events - Sprints and Jumps* - 3. Health and Fitness Activities - Medicine Ball/Thera Tube/ Pilates/Rope Skipping (Any one)- 4. Skill of any one Individual Game of choice from the given list*** - 5. Viva - 6. Record File** - *The events being opted must be other than from those administered under Physical Fitness Test. 1. **Write benefits of Medicine Ball, Thera Tube and Pilates. 2. Measure BMI of ten members from family or neighbourhood and show graphical representation of the data. 3. Draw a neat diagram of Standard Track with all its specifications. Mention all the Track and Field Events. Mention the latest records at Indian, World and Olympic Level. ***Badminton, Judo, Swimming, Table Tennis, Taekwondo and Tennis		
TOTAL	**83**	**100**

CLASS – XII PHYSICAL EDUCATION

DISTRIBUTION OF MARKS

Theory – 70 marks
Practical – 30 marks

Total - 100 Marks

UNIT/CHAPTERS RETAINED	NUMBER OF PERIODS	MARKS
UNIT I: Sports Environment and Society	**3**	**5**
1. Meaning and need of sports environment 2. Role of individual in improvement of sports environment 3. Women participation - As discourse and Ideology		
UNIT II: Adventure Sports and Leadership Training	**6**	**5**
1. Meaning and objectives of Adventure Sports 2. Identification and use of Natural Resources 3. Conservation of environment 4. Creating leaders through Physical Education		
UNIT III: Sports and Nutrition	**6**	**7**
1. Nutritive and Non-Nutritive Components of Diet 2. Eating Disorders - Anorexia Nervosa and Bulemia 3. Effects of Diet on Performance 4. Eating for Weight Control - A Healthy weight, The pitfalls of Dieting, food intolerance and food myths		
UNIT IV: Planning in Sports	**12**	**8**
1. Meaning and Objectives of Planning 2. Tournament - Knock-Out, League or Round Robin and Combination 3. Intramural and Extramural - Meaning, Objectives and its Significance 4. Specific Sports Programme (Sports Day, Health Run, Run for Fun, Run for Specific Cause and Run for Unity)		
UNIT V: Postures	**6**	**7**
1. Meaning and concept of correct postures - standing and sitting 2. Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scolioses 3. Physical activities as corrective measures		
UNIT VI: Children and Sports	**6**	**5**
1. Motor development in children 2. Factors affecting motor development 3. Physical and Physiological benefits of exercise on children		

4. Activities and quality of life		
UNIT VII: Test and Measurement in Sports	**8**	**6**
1. Measurement of Muscular Strength - Kraus Weber Test 2. Motor Fitness Test - AAPHER 3. Measurement of Cardio Vascular Fitness - Harward Step Test/ Rockfort Test 4. Measurement of Flexibility - Sit and Reach Test		
UNIT VIII: Physiology and Sports	**4**	**7**
1. Physiological factor determining component of Physical Fitness 2. Effect of exercise on Cardio Vascular System 3. Effect of exercise on Respiratory System 4. Effect of exercise on Circulatory System		
UNIT IX: Biomechanics and Sports	**4**	**7**
1. Projectile and factors affecting Projectile Trajectory 2. Angular and Linear Movements 3. Friction		
UNIT X: Psychology and Sports	**5**	**5**
1. Understanding stress, anxiety and its management 2. Personality, its dimensions and types; Role of sports in personality development 3. Motivation, its type and technique 4. Self-esteem and Body image		
UNIT XI. Training in Sports	**8**	**8**
1. Strength - Definition, types and methods of improving strength - Isometric, Isotonic and Isokinetic 2. Endurance - Definition, types and methods to develop Endurance - Continuous Training, Interval Training and Fartlek Training 3. Speed - Definition, types and methods to develop speed - Acceleration run and pace run 4. Flexibility - Definition, types and methods to improve flexibility 5. Coordinative abilities - Definition and types		
Practicals	**5**	**30**
1. Physical Fitness - AAHPER - 2. Athletics - Middle and Long Distance Runs and Throws* - 3. Health and Fitness Activities - Asanas/Swiss Ball/Plyometric/Aerobics (Any one) 4. Skill of any one Team Game of choice from the given list*** - 5. Viva - 6. Record File** -		

*The events being opted must be other than from those administered under Physical Fitness Test. 1. ** Write benefits of Asanas, Swiss Ball and Plyometric. 2. Measure Resting Heart Rate and Respiratory Rate of ten members from family or neighbourhood for three weeks and show graphical representation of the data. 3. Draw a neat diagram of the Field/Court of any one Game of choice. Write its history, Rules and Regulations, Terminologies and Important Tournaments. *** Athletics, Basketball, Football, Handball, Hockey, Kho Kho and Volleyball		
TOTAL	**73**	**100**