

CLASS X

Unit/Chapter/Topics deleted from the Syllabus for 2020 Academic Session

ENGLISH

Literature Section

- a. Prose (Invictus)
- b. Poetry (The Listeners)

Writing Section

- a. Invitation
- b. Report Writing

ALTERNATIVE ENGLISH

PROSE: The Ambitious Guest (Nathaniel Hawthorne)

- GRAMMAR:
1. Active and Passive Voice
 2. Clauses

MODERN INDIAN LANGUAGES (MILs)

AO

- Grammar** : a. Leplashi
b. Mungra
- Prose** : Arem, Lushi Aser Tzü Mopung
- Poetry** : Ao Khonang

LOTHA

- Grammar** : a. Yirentang tona erhüyi to jiang yinsan
b. Yichak eni pisi yiren nsüngrüo.
Ejyuka – Ejüa : (i) Hono ejüa – Ete hanpvü ji na ejüa vana.
(ii) Zetoka – Ni khe lo ntio bencho sana a ejüa.
- Prose** : a. Ete Ntsinranche
b. Kyong Tokhvü Tsüngkyim Opvü Jiang
- Poetry** : WokhaYantsüro

SUMI (SÜTSAH)

- Grammar** : a. Akiyethi Kikili
b. Atsa Tuna
c. Tsathi Kiyiqi
- Prose** : a. Tüsütixe Eno Külaküpu
b. Tumumi Ghili
- Poetry** : a. Ashihamile
b. Arkha Leshe

TENYIDIE

- Grammar** : a. Diesouko (L to Z)
b. Diekhu mu Dierozu kekrükecüko thu kemezhükecü
- Prose** : a. Tsathou mu Themia
b. Terhü Miavimia Puo
- Poetry** : a. A Kesuoü
b. Niaki

BENGALI

- Prose** : a. Jameedar
b. Baan
- Poetry** : a. Uttor Goshtho
b. Adbhut Andhar Aek

HINDI

Prose	: a. Bhartiya Sanskriti me Guru-shishy Sambandh b. Bhede aur Bhediye
Poetry	: Geet Mere

Internal Assessment (20 marks):

ENGLISH/ALT ENGLISH/ MILs (Classes IX & X)

Areas of Assessment-

- 1. Listening and Speaking - 5 + 5 marks**
- 2. Projects/ Assignments - 5 marks**
- 3. Formal testing - 5 marks**

Suggestions for Internal Assessment:

In this time of pandemic where social distancing protocols are at hand, any given task for Listening and Speaking may not be possible face to face without the help of technology. Every school is encouraged to try out their own way of administering the test but a fair, and objective testing of listening and speaking is mandatory.

Here are some suggestions/ways to administer Listening and Speaking tests:

Listening:

1. The teacher may arrange the passage according to the level of class and prepare different types of questions such as MCQs, Gap-filling, Match the following, True or False questions, etc.
2. The teacher can make a recording of his/her voice while reading out the passage at varied speed as per the norms set by the Board.
3. The teacher can post the question paper to the students well ahead of time.
4. The recording of the teacher's voice can be posted for the students to listen and answer the questions within a stipulated time.
5. The answers can be sent by the students to the teacher in any possible means for evaluation.
6. Teachers can give passages according to the level appropriate for the class and ask parents/ siblings to read out the passage at varying speeds while the students answer the questionnaire based on the passage, to test listening skills of the students.

Speaking:

1. Telephonic conversation between the teacher and student.
2. Whatsapp video call where more students can be engaged at the same time.
3. The teacher can give a topic for group discussion and the students can themselves have a Zoom or Whatsapp video call and send the teacher the recording in his/her mail.
4. As seen in the feedback given by the schools in the Schools Survey conducted by the office, some schools in the interior places have mentioned that due to the technological lapses, the teachers have been visiting students maintaining the social distancing protocols. In such case the teachers may assess the students during such visits.
5. Wherever possible, the teacher can take advantage of technology to encourage learning activities through peer and group learning using social media but making the alert on cyber security front.

Assignments:

1. Teachers shall assign activities which can be done by children at home.
2. Teachers shall find reading materials appropriate for class and assign the students to read stories, reports or articles other than the ones given in the textbooks so that students can be exposed to different types of writing activities.
3. Teachers can assign varied writing tasks according to the level of the class.

The schools may try out any other innovative ways and means to administer the internal assessment tasks/ tests, based on the learners' competency.

SOCIAL SCIENCES

Unit – I	India And The Contemporary World
Chapter - 2	The Nationalist Movement in Indochina
Unit – II	Resources (India)
Chapter – 6	Power Resources
Unit – III	Democratic Politics
Chapter – 11	Working of Democracy
Unit – IV	Understanding An Economy
Chapter - 18	Role of Service Sector in Indian Economy

Internal Assessment: Classes IX & X (20 marks)

Areas of Assessment-

1. Activities - 10marks
2. Assignments - 5 marks
3. Formal testing - 5 marks

The marking scheme will remain the same as in the Syllabus. However, for the Academic session 2020, Teachers has the liberty to add more innovative projects/activities related to the chapters which can be done at home or gather information through online.

MATHEMATICS

Unit I : NUMBER SYSTEMS

1. Real Numbers

Proofs of results - irrationality of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$, decimal expansions of rational numbers in terms of terminating/non-terminating recurring decimals. [Ex: 1.3 and 1.4]

Unit II : ALGEBRA

1. Polynomials

Delete Ex: 2.1

Statement and simple problems on division algorithm for polynomials with real coefficients. [Ex: 2.3]

2. Pair of Linear Equations in Two Variables

Delete Ex: 3.1

Solution of a pair of linear equations in two variables algebraically - by cross multiplication method. [Ex: 3.5]

Simple problems on equations reducible to linear equations may be included. [Ex: 3.6]

3. Quadratic Equations

Delete only word problems related to day-to-day activities [i.e. situational problems based on equations reducible to quadratic equations.] from Ex: 4.1, 4.2, 4.3, 4.4

4. Arithmetic Progression

Delete Ex: 5.1

Sum of first n terms of an A.P. & its applications in solving daily life problems. [Ex: 5.3]

Unit III : TRIGONOMETRY

1. Introduction to Trigonometry

Trigonometric ratios of complementary angles. [Ex: 8.3]

Unit IV : COORDINATE GEOMETRY

1. Lines (in two-dimensions)

Area of a triangle. [Ex: 7.3]

Unit V : GEOMETRY

1. Triangles

Proof of the following theorems and its applications:

- i. The ratio of the areas of two similar triangles is equal to the ratio of the squares on their corresponding sides. [Ex: 6.4]
- ii. In a triangle, if the square on one side is equal to the sum of the squares on the other two sides, the angles opposite to the first side is a right triangle. [Ex: 6.5]

2. Constructions

Construction of a triangle similar to a given triangle. [Ex: 11.1]

Unit VI : MENSURATION

3. Areas related to Circles

Delete Ex: 12.3

4. Surface Areas and Volumes

Problems on finding surface areas and volumes of frustrum of a cone. [Ex: 13.4]

Internal Assessment: Classes IX & X (20 marks)

The break-up of 20 marks in internal assessment for Secondary Level is from three areas, viz. Practical, Project and Formal Testing. For the academic year 2020, assessments in these areas can be done with some relaxations, given as below:

1. Practical (10 marks)

a) Practical Record Books (4 marks):

Students can be instructed to do any **3 (three)** activities from their Mathematics Laboratory Manual and record it in their practical notebooks which should contain a table of contents wherein an index of each activity performed is recorded. The activities must be recorded with required diagrams, tables, which should include:

- i) Statement of objective of the activity,
- ii) Theory,
- iii) Calculations (if any),
- iv) Observations/Conclusion.

b) Evaluation of Activities (6 marks):

From the recordings, the break-up of 6 marks shall be as follows:

Statement of objective of the activity	:	1 mark
Activity conducted	:	3 marks
Procedure explanation	:	1 mark
Result and conclusion	:	1 mark

2. Project (5 marks)

Students can be asked to select **1(one)** activity from the Laboratory Manual as project and asked to submit a detailed **handwritten** write-up/report of the project work which should include statement of the project, theory, procedure/process adopted with diagrams and result/conclusion.

A Word of Caution: All SOPs must be observed while collecting Practical Record Books and Project work from the students.

3. Formal Testing (5 marks)

Teachers can conduct **3 (three)** weekly/monthly tests through online/offline mode and average of the **best 2** out of 3 tests conducted can be taken for final submission. For conducting offline tests, distribution of photocopied questions to the students and collection of hard copies of their answers must be done observing strict SOPs.

SCIENCE

1. Unit/Chapter/Topics deleted from the Syllabus for 2020

Unit I: CHEMICAL SUBSTANCES

2. **Acids, Bases and Salts:** Strength of acid and base solutions

3. **Metals and non-metals:** Occurrence of metals and their extractions, refining of metals; Corrosion and its prevention.

4. **Carbon and its compounds:** Chemical properties of carbon compounds- combustion, oxidation, addition and substitution reactions; some important carbon compounds- Ethanol and Ethanoic acid.

Unit II: LIVING WORLD

7. **Control and coordination:** Nervous system; human brain; coordination in plants-stimuli, movement due to growth.

9. **Heredity and evolution:** Basic concepts of evolution.

Unit III: Natural Phenomena

10. **Light- Reflection and Refraction:** Derivation of mirror formula; refraction through a rectangular slab; derivation of lens formula.

Unit V: NATURAL RESOURCES

14. **Sources of Energy:** Good source of energy, conventional and non-conventional sources of energy; alternative sources of energy.

15. **Our Environment:** Ecosystem and its components; food chain, food web; environmental problems- depletion of ozone layer, managing wastes.

16. **Management of natural resources:** Need for management of natural resources; forest and wild life; sustainable management; dams, water harvesting, coal and petroleum.

2. Unit-Wise weightage (Redistributed Marks)

External – 80 marks

Unit	I. Chemical Substances	- 26 marks
	II. Living World	- 24 marks
	III. Natural Phenomena	- 15 marks
	IV. Electric Current and its Effects	- 15 marks
	Total	- 80 marks

Note: There will be no change in the design of the question paper.

Internal Assessment: Classes IX and X (20 marks)

Areas of assessment-

1. Subject Enrichment Experiments/Activities/Projects/Assignments - 10 marks
2. Records - 4 marks
3. Periodic Assessment - 6 marks

Guidelines for Assessment:

1. Subject Enrichment Experiments/Activities/Projects/Assignments

It is important that the subject enrichment experiments/activities/projects be conducted with rigor and focus, aligned with the syllabus. These activities should motivate and challenge the students and allow them to apply knowledge, raise questions, experiment, innovate and find solutions to questions/problems encountered relating to everyday life. Schools/teachers have the flexibility to use multiple and diverse techniques to conduct these activities according to their situation. Suggested activities in the textbook and syllabus can be conducted, and apart from these any activity relevant to the subject which can be done by the students at home, using material available at home can be conducted.

2. Records

The students must maintain a proper record of all experiments/activities/projects performed. The record book should start with a Table of Contents wherein an index of each experiment/activity/project with the respective date is entered. Each experiment/activity/project should be recorded with the statement of the objective, theory, procedure, observation/identification, calculation/result/interpretation with relevant diagrams and tables. Record books should be developed in an easy manageable form. They need to be meaningful, simple and accessible. Maintaining the record book should not be a burden on the

students-both in terms of cost and time. The record book shall be checked and assessed by the teacher either periodically (preferable) or at the end of the term for final submission of marks. Some suggested criteria for assessment of record book are – organization and neatness, completion of work focused on specific curricular objectives, evidences of student’s growth, etc. Teachers can include other subject relevant criteria and elements to assess record books.

3. Periodic Assessment

The main purpose of periodic assessment is to assess the learning progress of the students. Multiple assessment strategies relevant to particular learning outcomes are advised over the period of curriculum transaction. All types of questions can be asked depending upon the skills to be tested. Teachers should include questions that would kindle the student’s critical thinking and higher order thinking skills. These assessments should allow the teachers to follow diagnostic and remedial measures for students’ learning. The subject teachers can determine the type and frequency of these assessments. Average of all these assessments shall be taken for final submission of marks.

Teachers assume a very significant role, as such they are expected to be fair and assess the performance of the students without bias. For all these assignments, teachers have the liberty to use online or offline mode or any other means, according to their applicability and situation.

ENVIRONMENTAL EDUCATION

1. Unit/Chapter/Topics deleted from the Syllabus for 2020

Unit I-Chapter 4-Application of biotechnology and public awareness programmes
Unit II-Chapter 6-Air and water pollution
Unit III-Chapter 8-Decline in productivity, resettlement and energy crisis
Unit IV-Chapter 11-Efficient and eco-friendly technologies, Sustainable use of resources and sacred groves
Unit IV-Chapter 14-Some success stories

2. Internal Assessment: Classes IX and X (20 marks)

Internal marks will remain the same, however teachers can suggest projects/assignments related to environmental conservation, waste disposal, water conservation etc. based on the chapters/topics covered which can be done at home. Students can also access the internet for more innovative projects.

MUSIC

1. Unit/Chapter/Topics deleted from the Syllabus for 2020

1)	Chapter	-	3
2)	Chapter	-	10
3)	Chapter	-	13

2. Internal Assessment: Classes IX and X (30 marks)

As per the syllabus, the practical classes are to be conducted online. The teachers can take flexibility in covering the syllabus.

However, the teaching and learning of the exercises should be realistic. The exercises performed by the students should also be made available to the teachers.

BOOK-KEEPING & ACCOUNTANCY

Sl. No.	Unit	Topics deleted
1.	Unit I : Final Accounts (Without Adjustments)	Final Accounts – Limitations Profit and Loss Account – Proforma
2.	Unit IV : Bills of Exchange	Bills of Exchange – Specimen Promissory Notes - Specimen Difference between Bills of Exchange and Promissory Notes
3.	Unit V : Errors and their Rectification	Entries for rectification of errors
4.	Unit VI : Depreciation	Depreciation – Special features, Factors

Internal Assessment: Classes IX and X (30 marks)

The areas and marking scheme for the internal assessment shall remain the same. However, for the Academic session 2020, Teachers has the liberty to add more innovative projects related to the chapters which can be done at home or gather information through online.

Foundation of Information Technology

Unit	deleted topics
I	1.Internet 2.Services available on the Internet
	4.Communication Technology 5.Content Technology
II	HTML -Subscript and Superscript tags -Comment tag -Table tag
III	11.Societal Impact of IT

Internal Assessment: Classes IX and X (30 marks)

The internal marks and areas of assessment shall remain the same.

HOME SCIENCE

Unit III: Nutrients

Functions, sources and deficiency of fats, phosphorus and vitamins –A, E, K

Unit IX: Interior Decoration

Steps of flower arrangements

Unit X: Care of clothes and quality check apparel

Workmanship of ready-made, tailor-made garments

Internal Assessment: Classes IX and X (30 marks)

There is no change in the internal practical assessment. However, teachers can help improve the learning process by involving the students in activities related to the subject which can be done at home.