

पाठ्यक्रमः

**SYLLABUS**

पूर्वमध्यमा ( सेकेण्डरी )  
**Purvamadhyama (Secondary)**

## अनुक्रमणिका

	पृष्ठसंख्या
1. पूर्वमध्यमापाठ्यक्रमः – परीक्षापत्रविवरणम्	5
2. पूर्वमध्यमा –	
प्रथमवर्षम्	7
द्वितीयवर्षम्	23

## परीक्षापत्रविवरणम्

पूर्वमध्यमापाठ्यक्रमे द्वयोः वर्षयोः प्रतिवर्षम् अधोलिखितानि पत्राणि सन्ति-

पूर्वमध्यमापरीक्षा ( प्रथमवर्षम् ) -

पत्राणि	विषयाः	अंकाः
1.	व्याकरणम्	100
2.	साहित्यम्	100
3.	हिन्दी/प्रान्तीयभाषाः	100
4.	आंग्लभाषा	100
5.	सामाजिकाध्ययनम्- अर्थशास्त्रम्, इतिहासः, समाजशास्त्रम्, भूगोलः	100
6.	गणितम्/आधुनिकविषयाः ( चित्रांकनम्/गृहविज्ञानम्/ संगीतम्)	100
7.	विज्ञानम्/शास्त्रीयविषयाः ( व्याकरणम्/साहित्यम्/ ज्यौतिषम्/दर्शनम्)	100

पूर्वमध्यमापरीक्षा ( द्वितीयवर्षम् ) -

पत्राणि	विषयाः	अंकाः
1.	व्याकरणम्	100
2.	साहित्यम्	100
3.	हिन्दी/प्रान्तीयभाषाः	100
4.	आंग्लभाषा	100
5.	सामाजिकाध्ययनम्- अर्थशास्त्रम्, इतिहासः, समाजशास्त्रम्, भूगोलः	100
6.	गणितम्/आधुनिकविषयाः ( चित्रांकनम्/गृहविज्ञानम्/ संगीतम्)	100
7.	विज्ञानम्/शास्त्रीयविषयाः ( व्याकरणम्/साहित्यम्/ ज्यौतिषम्/दर्शनम्)	100

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## पूर्वमध्यमापरीक्षापाठ्यक्रमः प्रथमवर्षम्

प्रथमं पत्रम् – व्याकरणम्	100
1. लघुसिद्धान्तकौमुदी (णिजन्तात् लकारार्थप्रक्रियां यावत्) अङ्गविभाजनम् -	70
1. ण्यन्तप्रक्रिया	15
2. सन्नन्तयङ्न्तयङ्लुक्प्रक्रिया	15
3. नामधातुप्रक्रिया	10
4. आत्मनेपदपरस्मैपदप्रक्रिया	10
5. भावकर्म-कर्मकर्तृ-लकारार्थप्रक्रियाः	20
2. रचनानुवादौ-	30
क. संस्कृतात्/हिन्द्याम्/आंग्लभाषायाम् अनुवादः	10
ख. हिन्दीतः/आंग्लभाषातः संस्कृतेऽनुवादः	10
ग. अनुच्छेदलेखनम् (पञ्चादशसु वाक्येषु)	10

टिप्पणी - पठितव्याकरणग्रन्थमाधारीकृत्यानुवादशिक्षणम्। अनुच्छेदरचनायै यात्रावर्णनम्, उत्सववर्णनम्, ऋतुवर्णनम् दर्शनीयस्थानवर्णनम्, संस्थावर्णनम्, विद्यामहिमा परोपकारश्च शीर्षकरूपेण दातुं शक्यन्ते।

सहायकग्रन्थाः -

1. लघुसिद्धान्तकौमुदी
2. अनुवादचन्द्रिका
3. निबन्धग्रन्थः

<b>द्वितीयं पत्रम् - साहित्यम्</b>	<b>100</b>
1. कुमारसम्भवम् - प्रथमसर्गः (1-30 श्लोकाः)	40
2. रघुवंशम्, द्वितीयसर्गः (1-40 श्लोकाः)	40
3. वृष्टिसूक्तम् (चतुर्थकाण्डम्, सूक्तसंख्या 15, मन्त्रसंख्या 16)	20
अंकविभाजनम्-	
व्याख्या-40, भावार्थलेखनम्-20, समीक्षात्मकप्रश्नाः-20	
पाठ्यग्रन्थमाश्रित्य वाच्यपरिवर्तनम्-10, व्याकरणात्मकटिप्पण्यः-10	
<b>सहायकग्रन्थाः -</b>	
1. कुमारसम्भवम् - प्रथमसर्गः	
2. रघुवंशमहाकाव्यम्, द्वितीयसर्गः	
3. अथर्ववेदः (नागप्रकाशनम्)	
<b>तृतीयं पत्रम् - हिन्दी/प्रान्तीयभाषाः</b>	<b>100</b>
<b>हिन्दी ( ए पाठ्यक्रमः )</b>	
<b>खण्ड क - अपठित गद्यांश</b>	<b>20</b>
1. साहित्यिक गद्यांश - दो (250 से 300 शब्द)	10
2. वर्णनात्मक गद्यांश - (250 से 300 शब्द)	10
उपर्युक्त गद्यांशों में से शीर्षक का चयन, विषयवस्तु का बोध, संरचना आदि पर लघु उत्तरात्मक प्रश्न पूछे जायेंगे।	
<b>खण्ड ख - रचना</b>	<b>15</b>
1. किसी एक विषय पर लगभग 200 शब्दों में निबन्ध लेखन	10
2. पत्र लेखन	05
<b>खण्ड ग - व्यावहारिक व्याकरण</b>	<b>15</b>
1. शब्द निर्माण (उपसर्ग, प्रत्यय) लिंग, वचन	03

2. संज्ञा, सर्वनाम, विशेषण तथा क्रिया विशेषण	03
3. वाक्य रचना, वाक्य के अंग, अर्थ के अनुसार वाक्य के भेद	03
4. पर्यायवाची, विलोम	03
5. मुहावरे	03

**पाठ्य पुस्तक:**

<b>1. क्षितिज</b>	<b>35</b>
I. दो में से किसी एक काव्यांश पर अर्थग्रहण सम्बन्धी 5 प्रश्न	10
II. निर्धारित कविताओं में से 4 बोधात्मक प्रश्नों में से 3 प्रश्न	09
III. दो में से किसी एक गद्यांश पर आधारित अर्थग्रहण सम्बन्धी 5 प्रश्न	10
IV. गद्य पाठों पर आधारित चार में से तीन बोधात्मक प्रश्न	06

<b>1. पूरक पुस्तक कृतिका भाग 1</b>	<b>15</b>
(i) दो में से एक निबन्धात्मक प्रश्न	09
(ii) चार में से तीन लघु उत्तरात्मक प्रश्न	06

**निर्धारित पुस्तकें:**

1. क्षितिज, भाग – 1, एन.सी.ई.आर.टी. द्वारा प्रकाशित
  2. कृतिका, भाग – 2, एन.सी.ई.आर.टी. द्वारा प्रकाशित
- अथवा

<b>हिन्दी ( बी. पाठ्यक्रम )</b>	<b>100</b>
<b>खण्ड क - अपठित गद्यांश</b>	<b>20</b>
1. 300 से 400 शब्दों का एक गद्यांश	10
2. 200 से 300 शब्दों का एक गद्यांश	10
उपर्युक्त गद्यांशों में से शीर्षक का चयन, विषय वस्तु का बोध, संरचना आदि पर लघु उत्तरात्मक प्रश्न पूछे जायेंगे।	

<b>खण्ड ख - रचना</b>	<b>10</b>
1. पत्र लेखन (अनौपचारिक) माता-पिता मित्र या सम्बन्धी को	05
2. अनुच्छेद लेखन: सम सामयिक विषयों पर, (80 से 100 शब्द)	05
<b>खण्ड ग - व्यावहारिक व्याकरण</b>	<b>20</b>
1. वर्ण विच्छेद, वर्तनी के विभिन्न रूप, अनुस्वार अनुनासिक, आगत ध्वनियाँ	04
2. पाठों के संदर्भ में उपसर्ग, प्रत्यय से शब्द निर्माण	03
3. पर्यायवाची, विलोम, अनेकार्थी शब्द, वाक्यांशों के लिए एक शब्द	04
4. वाक्यों के अंग, सरल वाक्य	03
5. विराम चिह्नों का प्रयोग	03
6. मुहावरे - अर्थ एवं वाक्य प्रयोग	03
<b>खण्ड घ - पाठ्य पुस्तकें</b>	
<b>1. स्पर्श</b>	<b>36</b>
I. दो में से एक काव्यांश पर आधारित 3 या 4 अर्थ ग्रहण के प्रश्न	09
II. कविताओं के विषय बोध पर आधारित 4 में से 3 प्रश्न	09
III. दो में से एक गद्यांश पर अर्थ ग्रहण सम्बन्धी 3 या 4 प्रश्न	09
IV. गद्य पाठों के विषय बोध पर आधारित 4 में से 3 प्रश्न	09
<b>2. पूरक पुस्तक: संचयन</b>	<b>14</b>
I. दो में से एक निबन्धात्मक प्रश्न	05
II. चार में से तीन लघु उत्तरात्मक प्रश्न	09
<b>निर्धारित पुस्तकें:</b>	
1. स्पर्श, भाग 1. एन.सी.आर.टी. द्वारा प्रकाशित	
2. संचयन, भाग 1. एन.सी.आर.टी. द्वारा प्रकाशित	

## प्रान्तीय भाषा

<b>बंगला/Bengali</b>	<b>100</b>
(क) व्याकरण-उच्चारण स्थान, सन्धि (स्वर) समास (तत्पुरुष, बहुव्रीहि द्विगु) बंगला, कृदन्त तद्धित प्रत्यय, मुहावरे, लोकोक्तियाँ, एक कथ्य प्रकाश धातु, पद, धातु, विभक्तिप्रयोग	35
(ख) रचना 10+07+08	25
कथालेखन, सार, विस्तार पुस्तक-प्रवेशिका बंगला व्याकरण, रचना (निर्मलकुमार दास, ओरियेन्टल बुक कम्पनी कलकत्ता)	
(ग) गद्य	20
I. पाठ संकलन (गद्य खण्ड) बोर्ड आफ सेकेण्डरी एजुकेशन, वेस्ट बंगाल, कोलकत्ता	
पाठ 1. सागर संगम नवकुमार (बंकिमचन्द्र चटर्जी) 2. प्राचीन भारते विज्ञान चर्चा (सत्येन्द्रनाथ बोस) 3. न्योमेर रजत (रमेन्द्र सुन्दर त्रिबेदी) 4. छिन्न पत्र (रवीन्द्र नाथ टैगोर) 5. पल्लीसमाज (शरत चन्द्र चटर्जी) 6. नोनाल जल (सैयद मुस्तफा अली)	
II. उपन्यास	10
Am Antir Bhempu (1979) (विभूति भूषण बनर्जी)	
III. पद्य (पाठसंकलन, पद्यखण्ड)	10
1-6 कविताएँ	
<b>उड़िया/Oriya</b>	<b>100</b>
I. व्याकरण सन्धि, (स्वर, विसर्ग) समास (तत्पु., द्वन्द्व, द्विगु, बहुव्रीहि) पर्यायविलोम, वाक्यपरिवर्तन, कृदन्त, तद्धित	25

II.	रचना निबन्ध, पत्र	15
III.	अपठित गद्यांश सार (शीर्षक), लघूत्तर प्रश्न	10
IV. (i)	गद्य	25
	(Ama Sahitya 2006)	
	Published by the Board of Sec. Edu. Orissa	
	पाठ	
	Shiksha, Biswa Bhratrutwa, Tyaga, Daiba Daudi,	
	Pruthibikulwara Asuchi	
(ii)	पद्य	15
	(Ama Sahitya 2006)	
	Poems	
	Ramrajyare Bichara, Enu kapota Pakshimora, Santanaru	
	Ukti, Prabhata, Kisa Gautami, Shramikara Bhagana	
(iii)	Non-detailed study	10
	(Galpa-Ekanika 2000 Ed.) Board of Sec. Edu. Orissa	

<b>नेपाली/Nepali</b>		<b>100</b>
I.	व्याकरण उच्चारण स्थान, संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय, वाक्यनिर्माण सरल नेपाली व्याकरण (राजनारायण प्रधान)	20
II.	अपठित गद्यांश	10
III.	रचना, पत्र अनुच्छेद	20
IV.	गद्य (6 पाठ)	
	Nepali Sahitya Sourav	
	Directorate Edu. Text Book Unit, Sikkim, Gangtok	20
V.	पद्य (6 कविताएँ)	15
	Nepali Sahitya Sourav	
VI.	द्रुत पठन (कथा बिम्ब) Directorate of Edu. Gangtok	15

<b>डोगरी/Dogri</b>	<b>100</b>
दिखने आली अक्ख नई	
<b>मलयालम/Malayalam</b>	<b>100</b>
I. व्याकरण (वाच्य परिवर्तन, समास, वाक्य-संशोधन, शब्दनिर्माण)	20
II. रचना (i) मुहावरे, (ii) पत्र, (iii) निबन्ध	20
III. अपठित गद्यांश	10
IV. गद्य	20
V. पद्य	20
(केरल पाठावली Vol IX)	
Published by Dept of Education, Govt. of Kerala, Trivendrum)	
VI. द्रुतपठन	10
(Veghikal, Vyaktigal, Ormakal by Ravindran)	
Published by D.C. Books, Kottayam, Kerala 680001	
<b>तमिल/Tamil</b>	<b>100</b>
तमिल पाठ्यपुस्तक (X)	
Tamilnadu Text Book Society Chennai-6	
<b>गुजराती/Gujrati</b>	<b>100</b>
व्याकरण	20
रचना	10
अपठितगद्यांश	10
पाठ्यपुस्तक गद्य, पद्य	50
गुजराती (कक्षा IX)	
गुजराती राज्यशालापाठ्यपुस्तकमण्डल, गुजरात	
<b>मराठी/Marathi</b>	<b>100</b>
महाराष्ट्रराजकीयविद्यालयेषु समकक्षकक्षायै निर्धारिताः पाठ्यग्रन्थाः	

<b>मणिपुरी/Manipuri</b>	<b>100</b>
1. Maipuri Khannasi Neinasi Book I	27
2. Manipuri Sahitya Leishai Book I Board of Sec. Edu. Manipur	40
3. Anouba Manipuri Gerammar, Board of Sec. Edn. Maipur	33

<b>चतुर्थ पत्रम् – आंग्लम् ( English )</b>	<b>100</b>
<b>Section A : Comprehension</b>	<b>20 Marks</b>
Two unseen passages, one factual (200 words) and other literary (300 words)	08+12
<b>Section B : Composition</b>	<b>20 Marks</b>
i) Letter writing	08
ii) Writing a short paragraph on a given outline/topic in about 80 words	04
iii) Comosition: A short writing task based on a verbal/visual stimulus (diagram, picture), graph, map, chart, table, flow chart, etc.	08
<b>Section C : Grammar</b>	<b>15 Marks</b>
Use of non finites, sentence connectors as, since, while, then, just, because, just, until; clauses with what where and how, past tense modals: can, could, may, must, might. etc.	
<b>Note :</b> All other areas covered in class IX will also be tested in class X as this is an integrated course for this area of learning.	
<b>Section D: Text Books</b>	<b>45 Marks</b>
<b>1. First Flight, N.C.E.R.T. Text Books for Class X</b>	
Prose (20 Marks)	
i) Two extracts from different prose lessons included in Text Book (approximately 100 words each) 5×2	10
ii) One out of two questions explorative in nature based on any one of the prose lessons from Text Book (to be answered in about 80 words).	06
iii) One out of two questions on Drama Text, local and global comprehension questions.	04
Poetry (10 Marks)	
i) One extract from a poem from the prescribed reader followed by two or three questions to test the local and global Comprehension of set text.	06
ii) Two out of three short questions and ideas contained in the poems to be answered in (30-40 words) each.	04

**2. Moments, N.C.E.R.T. Supplementary Reader for class IX 15 Marks**

- i) One out of two questions from Supplementary Reader to interpret and analyse character, plot or situations occurring in the lessons (to be answered in about 100 words). 08
- One out of two very short answer type questions based on factual aspects of the lessons. 03
- One out of two short answer type questions of interpretative and evaluative nature, based on lessons. 04

**Prescribed Books:**

1. **Beehive**, N.C.E.R.T. Text Book for IX 2008
2. **Moments**, N.C.E.R.T. Text Books for IX 2008

<b>पंचमपत्रम्-सामाजिकाध्ययनम् (Social Sciences)</b>	<b>100</b>
Unit I India and the contemporary world I	20
Themes	
Events and processes, French Revolution, Russian Revolution, Rise of Nazism Economics and Livelihoods, Pastoralists in the modern world, Forest Society and colonialism, Farmers and peasants, Culture, Identity and Society, Sports and politics, Clothes and cultures, Map work	
Unit II India-Land and the people	20
Themes	
(i) India-location, units, structure	
(ii) Climate-monsoon, rainfall, seasons	
(iii) Drainage-rivers, tributaries, Lakes, seas, pollution	
(iv) Natural Vegetation-distribution, need for conservation and various measures	
(v) Wildlife-major species, conservation.	
(vi) Population-size, distribution, change, literacy, health, occupational structure.	
(vii) Mapwork	
Project work-songs, dances, festivals, foods, dresses	
Posters River-pollution	
Unit III Democratic Politics I	20
Themes Democracy, Designing democracy, Electoral politics; institutions of parliamentary democracy, citizens' rights in democracy.	
Unit IV Understanding Economics I.	20
Themes-	
The economic story of Palampore, People as Resource, Poverty as a challenge facing India, Food Security. Activities-description of villages, unemployment, details of food grains	
Unit V Disaster Management	20
Themes-	
(i) Man made disasters-nuclear, biological, chemical	

- (ii) Common Hazards-Prevention and Mitigation
- (iii) Community based Disaster management

Books

1. India and contemporary world (History IX)  
भारत और समकालीन विश्व (इतिहास कक्षा IX)
2. Democratic Politics (IX)  
लोकतान्त्रिक राजनीति (IX)
3. Contemporary India-Geography (IX)  
समकालीन भारत-भूगोल (IX)
4. Economics (IX)  
अर्थशास्त्र (IX)

षष्ठपत्रम्-गणितम् (Mathematics) / आधुनिकविषयाः

100

गणितम् (Mathematics)

Units

I	Number systems	10
	Real numbers, examples of non-recurring/ non-terminating decimals, irrational number, existence of $\sqrt{x}$ for a given positive real number, Definition of nth root, Recall of laws, Rationalization of real number	
II	Algebra	20
	Polynomials, Linear equations in two variables	
III	Co-ordinate Geometry	10
IV	Geometry	20
	Introduction to Euclid's Geometry, Lines and angles, Triangles, quadrilaterals, area, circles, Constructions	
V	Mensuration-areas, Surface areas and volumes.	20
VI	Statistics and Probability	20
	Mathematics for Class IX गणित कक्षा नवीं के लिए	

Or

**आधुनिकविषयाः**

<b>चित्रांकनम् (Drawing)</b>	<b>100</b>
(a) Still life Study Vegetables, Flowers, objects of daily use arranged from a fixed point of view.	50
(b) Sketches from life/nature in pencil pen/ink	20
(c) Submission of portfolio consisting of five selected works done during the year.	30

Or

<b>गृहविज्ञानम् (Home Science)</b>	<b>100</b>
One Theory paper 3 hrs	75
Unit I Concept and Scope of Home Science	
Unit II Family a unit of Society	
Unit III Food and its relation to health	
Unit IV Methods of Cooking	
Unit V Functions of a home.	
Unit VI Safety in the house.	
Unit VII Fabrics available in the market.	
Unit VIII Selection of Clothes.	
Practicals	25
1. Observe your own family for Type size & role of each member. Record the activities of all members on any one typical day of the family.	
2. Observe food preparation using different methods and record taste, texture, colour of ready food.	
3. Prepare food using different methods of cooking.	
4. Study your own house for light, ventilation, disposal of waste, water surroundings and record your own observations.	
5. Study your house for measures of safety against accidents and give suggestions for the improvement.	
6. Practice giving first aid to cuts, burns, fevers, scalds & bites.	
7. Collect samples of fabrics available in the market and present a comparative picture on the basis of cost, optional disability, appearance and	

suitability.

8. Identification of fabric, physical appearance and burning test.

#### B. Home Management

Home-a clean, comfortable attractive place to live, Care of Home and its equipment, Cleaning of floor, furniture equipment including utensils and other accessories.

Budgeting of family income to meet family needs and plans for the future.

Useful hints for purchase of house-hold items, quality, cost, utility.

Organisation of a party-Birthday, Class-get-together.

Safe storage of cleaning agents and drugs.

Safety in the home

First aid, treatment of burn and cuts, etc.

Floor decoration-using a plan of paints, flowers and leaves, etc.

Flower arrangements

#### Practical

Make two decorative items- Cushion covers, Tea cosy covers, table mats, wall pictures, sofa backs etc. Record your family expenditure for one week and discuss the pattern.

Make your invitation cards for party. Arrange and decorate the place to hold a party.

Or

#### संगीतम् (Music) Hindustani

100

#### Theory

- i. Knowledge of the terms;  
Sangeet Nada, Swara Shuddha, Vikrit, (Komal, Teevra), Laya, Taal, Sama, Tali, Khali, Saptaka, Sthana (Mandra, Madhya, Taar), Aaroha, Avaroha, Raag Maatra, Avartana.
- ii. Knowledge of the notion systems as laid down by Pt. Vishnu Digamber.
- iii. An outline of history of Indian Music.

#### Practical

25

- I (a) National Anthem
- (b) Four folk or tribal songs

- (c) Four devotional songs
  - (d) Two songs in a regional language
  - (e) Three patriotic songs
  - (f) One Tagore song
  - (g) Community Singing (two songs)
- II Aaroha, Avaroha, Pakad and Drut Khyal in the Ragas- Yaman, Bhairav, Bhopali with few tanas.
- III Recitation of the thekas of teentala, kaharwa Dadra and Jhaptal keeping tal with hand beats.
- IV Eight tala Baddha, Alankaras set to different talas.
- Suggested References;
1. Kramik Pustak Malika by Pt. V.N. Bhatkande
  2. Rag Vigyan by Pt. V.N. Patwardhan

**सप्तमपत्रम्–विज्ञानम् (Science) / शास्त्रीयविषयाः**

**100**

**विज्ञानम् (Science)**

Theory

Units

- |     |                                                                                                                                                                                                                                                                          |    |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| I   | Food, plant and animal breeding, fertilizers, measures, protection from pests, organic farming.                                                                                                                                                                          | 20 |
| II  | Matter-Nature and behaviour.<br>Nature of matter, elements, compounds and mixtures, colloids, suspensions.<br>Particle nature, basic units atoms, molecules.<br>Mole concept, structure of atom                                                                          | 20 |
| III | The world of the living<br>organization in the living world, Biological diversity<br>Cell-basic unit of life, Tissues, organs, organism<br>Structure and functions of animal and plant tissues.<br>Health and diseases.<br>Transport of materials in the living systems. | 20 |

IV	Moving things, people and ideas. Motion, force and work, Force and Newton's laws, Gravitation, Thrust & pressure. Archimedes' principle, Sound, media speed range, ultrasound Structure of human ear.	20
V	Natural Resources Our Environment Physical resources-air, movements of air, air, water & soil pollution. Holes in czone layer Bio-geo-chemical cycles in nature Water-oxygen, carbon, nitrogen. Science Class IX/विज्ञान भाग I (N.C.E.R. T.)	20

Or

**शास्त्रीयविषयाः**

1.	<b>साहित्यम्</b> चन्द्रालोकः, प्रथम पञ्चममयूखौ अथवा	100
2.	<b>व्याकरणम्</b> (क) तर्कसंग्रहः सम्पूर्णः (ख) पाणिनीयशिक्षा अथवा	70 30
3.	<b>दर्शनम्</b> तर्कसंग्रहः न्यायबोधिनीटीका अथवा	100
4.	<b>ज्यौतिषम्</b> (क) लीलावती श्रेणीव्यवहारं यावत् (ख) मुहूर्त्तचिन्तामणिः, संस्कारप्रकरणतः गोचरप्रकरणं यावत्	75 25

## द्वितीयवर्षम्

<b>प्रथमं पत्रम्—व्याकरणम्</b>	<b>100</b>
(क) लघुसिद्धान्तकौमुदी (कृदन्तप्रकरणम् समासतद्धितप्रकरणे च) 70	
अङ्कविभाजनम्	
(1) कृत्प्रक्रिया	10
(2) पूर्वकृदन्तम्	10
(3) उत्तरकृदन्तम्	10
(4) समासप्रकरणम्	25
(5) तद्धितप्रकरणम्	15
(ख) रचनानुवादश्च	30
<b>द्वितीयं पत्रम्—साहित्यम्</b>	<b>100</b>
शिवराजविजयः—प्रथमद्वितीयविश्वासौ	
प्रथमद्वितीयनिश्वासौ	
<b>तृतीयं पत्रम्—हिन्दी/प्रान्तीयभाषाः</b>	<b>100</b>
<b>हिन्दी (ए पाठ्यक्रम)</b>	
<b>खण्ड क - अपठित गद्यांश</b>	<b>20</b>
1. साहित्यिक गद्यांश (300 से 400 शब्द)	10
2. वर्णनात्मक गद्यांश (250 से 300 शब्द)	10
उपर्युक्त गद्यांशों में से शीर्षक का चयन, विषय वस्तु का बोध, संरचना आदि पर लघु उत्तरात्मक प्रश्न पूछे जायेंगे।	
<b>खण्ड: ख - रचना</b>	<b>15</b>
1. किसी एक विषय पर लगभग 200 शब्दों का निबन्ध लेखन	10
2. पत्र लेखन (औपचारिक / अनौपचारिक)	05

**खण्ड: ग - व्यावहारिक व्याकरण** **15**

1. क्रिया भेद, अकर्मक/सकर्मक, मुख्य क्रिया, सहायक क्रिया, संयुक्त क्रिया 03
2. अव्यय, समुच्चयबोधक, क्रिया विशेषण और अन्य अविकारी शब्द 03
3. वाक्य भेद, रचना के अनुसार, रचनान्तरण 03
4. वाच्य, कर्तृवाच्य, कर्मवाच्य, भाववाच्य तथा वाच्यपरिवर्तन 03
5. अलंकार, अनुप्रास, यमक, श्लेष, उपमा, रूपक, उत्प्रेक्षा तथा मानवीकरण 03

**खण्ड: घ - पाठ्य पुस्तक**

**1. क्षितिज** **35**

- (I) दो में से किसी एक काव्यांश अर्थग्रहण सम्बन्धी तीन प्रश्न 10
- (II) कविताओं पर आधारित विषयवस्तु सम्बन्धी चार में से तीन प्रश्न 09
- (III) दो में से गद्यांश पर अर्थग्रहण सम्बन्धी तीन प्रश्न 10
- (IV) गद्य पाठों पर आधारित विषय वस्तु सम्बन्धी चार में से तीन प्रश्न 06

**2. पूरक पुस्तक - कृतिका** **15**

- (I) पाठों पर आधारित दो में से एक निबन्धात्मक प्रश्न 09
- (II) पाठों पर आधारित चार में से तीन लघु उत्तरात्मक प्रश्न 06

**निर्धारित पुस्तकें**

1. क्षितिज भाग-2, एन.सी.ई.आर.टी. द्वारा प्रकाशित
2. कृतिका भाग-2, एन.सी.ई.आर.टी. द्वारा प्रकाशित
3. संक्षिप्त हिन्दी व्याकरण - कामता प्रसाद गुरु

अथवा

**हिन्दी ( बी. पाठ्यक्रम )**

**खण्ड क - अपठित गद्यांश** **20**

1. लगभग 300 से 400 शब्दों का एक गद्यांश 10
2. लगभग 200 से 300 शब्दों का एक गद्यांश 10

उपर्युक्त गद्यांश में से शीर्षक का चयन, विषय वस्तु का बोध, संरचना आदि पर लघु उत्तरात्मक प्रश्न पूछे जायेंगे।

<b>खण्ड: ख - रचना</b>	<b>10</b>
1. पत्र लेखन (औपचारिक पत्र)	05
2. अनुच्छेद लेखन - समसामयिक विषयों पर (80 से 100 शब्दों का)	05
<b>खण्ड: ग: व्यावहारिक व्याकरण</b>	<b>20</b>
1. पद परिचय, शब्द, पद और पद संबन्ध में अन्तर	04
2. मिश्र और संयुक्त वाक्यों की रचना और वाक्य रूपान्तरण	04
3. संधि, समास	04
4. मुहावरों और लोकोक्तियों का प्रयोग	04
5. अशुद्ध वाक्यों का शोधन	04
<b>खण्ड: घ - पाठ्यपुस्तक</b>	
<b>1. स्पर्श</b>	<b>35</b>
(I) दो में से एक काव्यांश पर आधारित तीन/चार अर्थ ग्रहण के प्रश्न	10
(II) कविता के विषय बोध पर आधारित चार में से तीन प्रश्न	09
(III) दो में से एक गद्यांश पर अर्थग्रहण सम्बन्धी तीन या चार प्रश्न	10
(IV) गद्य पाठों के विषय बोध पर आधारित चार में से तीन प्रश्न	06
<b>2. पूरक पुस्तक, संचयन भाग-2</b>	<b>15</b>
(i) दो में से एक निबन्धात्मक प्रश्न	09
(ii) चार में से तीन लघु उत्तरात्मक प्रश्न	
<b>निर्धारित पुस्तकें:</b>	
1. स्पर्श भाग 2. एन.सी.ई.आर.टी. द्वारा प्रकाशित	
2. पूरक पुस्तक, संचयन भाग-2, एन.सी.ई.आर.टी. द्वारा प्रकाशित	

प्रान्तीयभाषा

बंगला / (Bengali)

100

1.	Grammar	30
	1. Sandhis (Byanjan & Bisarga)	
	2. Samas (Karmadharaya, Dwanda, Avyayibhabh)	
	3. Transformation of Sentences (Simple, Compound & Complex)	
	4. Sadhu and Chalti Bhasa	
	5. Punctuation-only sentences from prose	
	6. Polysemous words (to be used in sentences) (Ekisabda Bibhinya Artha Prayog)	
	7. General Correction of words and sentences.	
2.	Composition	20
	(i) Pragraph writing (150 words)	
	(ii) Story Writing (with given hints in 100 words) (Title - 2; Moral - 1; Story - 3;)	
	(iii) Personal Letter and Leave Application	
3.	Reading comprehension of unseen prose passage	10
4.	Prose (Detailed Study)	15
	(i) General Questions on the text passages	
	(ii) Expansion of ideas	
	<i>Lessons to be studied:</i>	
	1. Bhagirathir Utsha Shandhane by J.C. Bose	
	2. Ghar O Bahir by Rabindra Nath Tagore	
	3. Vidya Sagar by Rabindra Nath Tagore	
	4. Mahesh by Sarat Chandra Chatterjee	
	5. Palli Sahitya by Mohd. Shahidulla	
	6. Padma Nadir Majhi by Manik Bandhopadhyay	
5.	Poetry	15
	(i) General Questions	
	(ii) Explanations	

*Poems to be studied:*

1. Annapurna O Ishwari Patani by Bharat Chandra Roy
  2. Chhatra Dhara by Kalidas Roy
  3. Chhelar Dal by Satyendra Nath Dutta
  4. Kandari Hunshiyar by Kazi Nasrul Islam
  5. Vibhishaner Prati Indrajit by Madhu Sudan Dutt
  6. Dui Bigha Jamin by Rabindra Nath Tagore
6. Short Stories 10
- Questions should be of general nature, i.e. dealing with themes, characters etc. (*First Four Short Stories Only*)
1. Shiladitya 2. Goho 3. Bappaditya 4 Padmini  
(*Prescribed Books*)
- Prabesika Bangla Bakram O Rachna** by Nirmal Kumar Das  
Publisher : Oriental Book Co., 56, Surya Sen Street, Kolkata-700 009  
**Path Sankalan'** Latest Edition  
Published by Board of Secondary Education, West Bengal, Kolkata  
**Raj Kahini** (1986) by Avanindra Nath Tagore  
Published by Anand Publishers, Kolkata

**उड़िया / (Oriya)**

**100**

1. Grammar
  - (a) Formation of words (noun to adjective and adjective to noun)
  - (b) Sandhi (Byanjan and Bisarga)
  - (c) Samasa (Karmadharaya, Abyaibhaba and Bahubrihi)
  - (d) Transformation of sentences (Simple, Compound, Complex)
  - (e) Correction of common errors in words
  - (f) Idioms and Phrases
  - (g) Taddhita and Krudanta
  - (h) Punctuation marks
2. Comprehension of an unseen prose passage 10
3. Composition : 20

1.	Essay Writing (Reflective)	
2.	Letter Writing (Business and Official)	
4.	Prose (for detailed study)	15
	1. Long answer type question in 250 words (one out of two)	
	2. Explanation of the passage (one out of two)	
5.	Non Detailed study :	10
	Two short answer type Questions. (Two out of four)	
	पाठ्यपुस्तक-बोर्ड आफ से. एजुकेशन उड़ीसा के नवीन पाठ्यक्रमानुसार।	

**नेपाली / (Nepali) 100**

I.	Applied Grammar	20
	(i) Formations of various kinds & their morphology	
	(ii) Change of parts of speech with upasarga + Pratyaya	
	(iii) Phrases and idioms	
	(iv) Transformation of sentences	
	(v) Samasa	
II.	Comprehension of unseen prose passages	10
III.	Composition (a) letter writing (b) essay.	20
IV.	गद्य सौरभ उत्तरार्ध	20
V.	पद्य सौरभ	15
VI.	कथा बिंब	15
	पुस्तकें सरल नेपाली व्याकरण, नेपाली साहित्य सौरभ	
	Directorate of Education, Text book unit, Gangtok Sikkim	

**डोगरी / (Dogri) 100**

- (क) मरुए दियॉ मिजरॉ
- (ख) कविता संग्रह
- (ग) अपठित गद्यांश
- (घ) व्याकरण

**मलयालम / (Malayalam)**

**100**

1. Grammar : 20  
(i) Transformation of sentences (based on the texts)  
(ii) Vocabulary building  
(iii) Sandhi and Samas  
While giving the knowledge of formal grammar, emphasis should be laid on its functional/applied aspect.
2. Composition 10+10=20  
(i) Eassay writing (Topics related to social issues, family and school life).  
(ii) Letter writing (applications, letter to the editor of a newspaper, commercial correspondence)
3. Reading Comprehension of an unseen prose passage 10
4. Prose  
*Prescribed book :*  
**'Kerala Pathavali'** Vol. No. IX (Edition 2003) 20  
Published by Department of Education, Govt. of Kerala, Tririvandrum-  
*Lessons to be studied : (05)*  
1. KARNAH TEARANGETTAN KUTTI KRISHNA MARAR  
2. ADIKAVITHARAVATHIL  
CHERUSSERIKKULLA STHANAM K.N.EZHUTHASSAM  
3. OTAYILNINNU KESAVADEV  
4. BALYAKALASAKHI  
CHILANIREEKSDANAN GAL-DIFFERENT AUTHOR  
5. ORUJATHI, ORUMATHAM M.K. SANU
5. Poetry 20  
*Poems to be studied : (05)*  
1. PREMASANGEETHAM ULLOOR  
2. PALLIKKOOTATHILEKKU VEENDUM-EDASSER  
3. SITASWAYAMVARAM EZHUTHASSAN  
4. VAZHIVETTUNNA VAROTU N.N.AKKAB  
5. VAYANA AYYAPPANIKKAR

6.	Non-Detailed (Text)	10
	Mritha Sanjeevani	
	by Chandramathy Ayoor	
	Published by Early Bird Publication, Ernakulam-673001, Kerala	
<b>तमिल / (Tamil)</b>		<b>100</b>
I.	Applied Grammar:	15
	1. Giving Grammatical Examples	
	2. Filling up the blanks	
	3. Rewriting as directed	
	An elementary knowledge of the following areas so as to identify them:	
	(i) PEYAR : Pannbuepyar, Thozhirpeyar, Vinayaalanaium Peyar, Aaghu Peyar, Thinai, Paal, Idam and Vetrumai.	
	(ii) VINAI : Therinila and Kurippu Vinaimutru, Vinaiecham Peyarecham, Eeval, Viyanhol, Mutrecham.	
	(iii) IDAICHOL AND URICHOL : Definition of Idaichol with special reference to Ehaaram, Ohaaram and Ummal and definition of Urichol with suitable examples.	
	(iv) PODU : Thohainilai and Thohaainilai, Vazhu Vazhaainilai Vizhuamaiti and Marabu	
II.	Composition	30
	(i) Essay writing	
	(ii) Letter writing (Personal, Commercial & Official Letters)	
	(iii) Report writing	
	Comprehension of unfamiliar passages	
III.	Poetry	15
	Section III - Poems to be studied :	
	1. Silappathikaaram	
	2. Kamba Ramayanam	
	3. Iratchanya Yaathrigam	
	Section IV - Mozhipeyarpu paadalgal Vallaththol Paadalgal	
	Section V Palsuvai Paadalgal (all Six Poems)	

IV. Prose 15

*Lessons to be studied:*

(Lessons 6 to 10)

V. Non-detailed study : (Pain Tamizhum Pazhagu Tamizhum) 25

Short Stories to be Studied (6-10 Stories)

6. Sondha Veedu R Soodamani
7. Vidivadharrkul Ashokamithran
8. Appavu Kannakkil 35 Rupai Pirabanjan
9. Velai Vandhuvittadhu Earvaadi Radha Krishna
10. Mannaasaai Solai Sundara Perumal

Books

Tamil Text Books for Class X (Prose Portion) (2003 Edition)

Published by Tamilnadu Text Book Society, Chennai-6

Tamil Thunaipaadanool of Class X (2004 Edition)

Published by Tamilnadu Text Book Society, Chennai-6

**गुजराती / (Gujrati) 100**

I. Grammar 20

1. Transformation of sentences

- (i) Positive negative
- (ii) Transfer - Interrogative, exclamatory & statement sentences
- (iii) Idioms (from the text only)
- (iv) Translation of the sentences from English to Gujarati & Gujarati To English

2. Change of Sentences

- (i) Transformation of active-passive voices
- (ii) Change from singular to plural & vice-versa
- (iii) Change of genders
- (iv) Keeping correct punctuations in the given sentence
- (v) Correction of the spellings (words to be given)

3. Change of Tenses

- (i) Reframing of given sentences after changing their tenses as directed e.g.

Present to continuous present, past, future, complete present, past, future.

4.	Correction of errors in given sentences	
II	Composition	20
	(a) Paragraph and story writing on the given points	
	(b) Letter writing e.g. Social, Invitation, Personal, Official, complaints, inquiries	
	(c) Precis writing	
III	Comprehension of an unseen prose passage	10
Section-B		
IV	Prose	25
	Lessons	
	No. Title	Author
	2. Rohini ne tire	Tran. Harivallabh Bhayani
	5. Aangali Zaline dorje	Tran. Kundanika Kapadia
	6. Dariya Kinare	Vadilal Dagli
	10. Hindu Pankhi	Maulana Jalaludin Rumi
	12. Sangam Shobhna Sabarmati	Ramprasad Shukla
	13. Deshgaman	Gandhiji
	15. Abhalano Tukado	Jayanti Dalal
	17. Nanabhai	Darshak
	21. Pencil Chholata Mehtaji	Ratilal Anil
	24. Panch Pataranini Sevama gharakam	Yagnesh Dave
V	Poetry	25
	No. Title	Author
	1. Bholi re bharavandan	Narsinh Mehta
	3. Mane chakar Rakho ji	Mirabai
	4. Chhappa	Akho
	7. Sayankale	Dalpatram
	9. Mane joine udi jata pakshoine	Kalapi
	11. Namu	Sundaram

14. Sapoot	Krishna lal Shreedharani
16. Chhelun darshan	R.V. Pathak
18. Madhav Kyanathi Madhuvanman	Harindra Dave
20. Aavyo chhunto	Jayant Pathak
22. Ae loko	Priyankant Maniar
23. Pal	Manilal Desai
25. Duha Muktak	

Prescribed 'Textbook - Gujarati' (Dwitiya Bhasha) for class X (Ed. 2006)  
published by Gujarat Rajyashalla Pathya Pustak Mandal Vidhyayan Sector  
10A, Gandhi Nagar, Gujarat

<b>मराठी / (Marathi)</b>	<b>100</b>
I. Grammar :	25
(i) Transformation of Sentences	
Rewriting and reframing of sentences with the given Proviso e.g. Substitution of nouns with different genders, transformation of active and passive voices, joining of different sentences together, change of certain phrases, removal of idioms and proverbs, substitution of synonyms and antonyms, change from singular into plural and vice versa.	
(ii) Change of tenses	
Reframing of given sentences after changing their tenses as directed e.g. Present to past, present to future, past to present, past to future, future to past, future to present.	
(iii) Correction of errors in the given sentences.	
II. Composition	15
(i) Essay writing on reflective topics	
(ii) Letter writing on official, Commercial topics	
(iii) Precis Writing	
III. Comprehension of an unseen prose passage	10
IV. Prose	20
(Short questions and explanations based on the prescribed texts)	

Sl. No.	Lesson No. as in the Book	Title	Author's Name
1.	01.	Phulvedya Mai	V.D. Ghate
2.	02.	Doan Megh	VS. Khandkar
3.	03.	Mee Ek Vidushak	Bandopant Deval
4.	04.	Anganatala Popat	Divakar Krishna
5.	05.	Kolashatil Hirkani	Vaman Chorghade
6.	06.	Dr. Ambedkarnache Granthaprem	SS. Rege
7.	09.	Ba Ani Babu	Mrinalini Desai
8.	10.	Shivaii' Raie' Shobhale	Rajit Desai
9.	11.	Binkatyacha Gulab	Gangadhar Pantawane
10.	12.	Samaj	Mukund Krishna Gaikwad

V Poetry 20

(Explanations, reference to context and appreciation)

Poetry	Section	Title	Name of the Poet
1.	01.	Santavani & Ramdas	Namdev, Dyaneshwar, Tuka
2.	02.	Shravanamas	Balkavi
3.	03.	Saryancha Kalyana	Kusumagraj
4.	04.	Patharavt	Amar Sheikh
5.	05.	Hey Bandha Reshmache	Shante Shelke
6.	06.	Hey Maay Matribhumi	S.D. Inamdar
7.	08.	Shetacha Swar	WH. Kalyankar

VI Drama 10

Questions on general critical appreciation, idea, characterization

**Prescribed books**

***For Prose and Poetry : Marathi Vachanpath for Class X***

Published by Maharashtra Rajya Madhyamik Va Uchcha Madhyamik Shikshan Mandal, Pune-411010

'Meera madhura' by Vasant Kanetkar, Popular Prakashan, Mumbai

<b>मणिपुरी / (Manipuri)</b>		<b>100</b>
I.	Grammar:	20
(i)	Phonology	
	a) Vocal Organs	
	b) Vowel	
	c) Vowel Classification	
	d) Consonant	
	e) Consonant Classification	
(ii)	Morphology	
	a) Morpheme	
	b) Allomorph	
	c) Root	
	d) Affix	
(iii)	Syntax	
	a) Word	
	b) Sentence types-Simple, Complex and Compound	
II.	Writing	15
	(a) Essay Writing	
	(b) Letter Writing	
III.	Unseen Passages (2)	15
IV.	Short Story :	10
	(a) Explanation of the passage from the Text-one	
	(b) Questions on the Text-Two	
	<i>Lessons to be studied; 02</i>	
	1. Chngi I now	R.K. Elangbam
	2. Ilisha Amagi Mahou	N.Kunjamohan Singh
V.	Poetry	15
	(a) Explanation of the passage from the text one	
	(b) Questions on the text (two)	
	<i>Poems to be Studied:</i>	
	1. Lamgi Chekla Amada	Kh. Choba Singh

	2. Nanaida Pinare Maktrava Thoujal	H. Nabadwichandra Singh	
	3. Ching kasi Ngasidi	L. Samerendra Singh	
	4. Ima Nanggi Mahousa	Nilbir Sharma	
	5. Anouba Thunglaba Jiba	Th. loopishak	
	6. Ei Amasung Budha	Yamlebam Ibomcha	
VI.	Prose and Travelogue		15
	<i>Lessons to be studied:</i>		
	Prose - Marupki Matou		
	Travelogue - Mandalegi Kongpham		
VII.	Drama		10
	<i>Lessons to be studied:</i>		
	<i>Karnagi Mama</i>		
	<i>Prescribed books for Class X:</i>		
	1. Manipuri Khannasi Neinasi Book-II		
	Published by the Board of Secondary Education, Manipur, 1998.		
	2. Manipuri Sahitya Leichal Book-II		
	Published by the Board of Secondary Education, Manipur, 1998.		
	3. Anoba Manipuri Grammar/Manipuri Grammar		
	Published by the Board of Secondary Education, Manipur, 1998.		
	<b>चतुर्थ पत्रम् – आंग्लम् (English)</b>		<b>100</b>
	<b>Section A : Comprehension</b>	<b>20 Marks</b>	
	Two unseen passages, one factual (200 words) and other literary (300 words)		8+12
	<b>Section B : Composition</b>	<b>20 Marks</b>	
	i) Letter writing		08
	ii) Writing a short paragraph on a given outline/topic in about 80 words.		04
	iii) Composition : A short writing task based on a verbal/visual stimulus (diagram, picture), graph, map, chart, table, flow chart, etc.		08
	<b>Section C : Grammar</b>	<b>15 Marks</b>	
	Use of non finites, sentence connectors as, since, while, then, just, be-		

cause, just, until; clauses with what where and how, past tense modals: can, could, may, must, might. etc.

**Note :** All other areas covered in class IX will also be tested in class X as this is an integrated course for this area of learning.

**Section D : Text Books 45 Marks**

**1. First Flight, N.C.E.R.T. Text Book for Class X**

Prose (20 Marks)

- i) Two extracts from different prose lessons included in Text Book (approximately 100 words each) 5×2 10
- ii) One out of two questions explorative in nature based on any one of the prose lessons from Text Book (to be answered in about 80 words). 06
- iii) One out of two questions on Drama Text, local and global comprehension questions. 04

Poetry (10 Marks)

- i) One extract from a poem from the prescribed reader followed by two or three questions to test the local and global Comprehension of set text. 06
- ii) Two out of three short questions and ideas contained in the poems to be answered in (30-40 words) each. 04

**1. Foot prints without feet - N.C.E.R.T. Supplementary Reader for class X (15) Marks**

- i) One out of two questions from Supplementary Reader to interpret, evaluate and analyse character, plot or situations occurring in the lessons (to be answered in about 100 words). 08
- ii) One out of two short answer type questions of interpretative and evaluative nature, based on lessons (to be answered in 30-40 words). 04
- iii) One out of two short answer type questions based on factual aspects of the lessons (to be answered in 20-30 words). 03

Prescribed Books :

1. **First Flight** – Text Book for Class X
2. **Foot Prints without Feet** – Supplementary Reader for Class X

Unit I	India and the contemporary world II. Nationalism in Europe, Nationalist movement in Indo/China, Nationalism in India, Economics and livelihoods, Urbanization, Trade and globalization, Culture, Identity and Society.	25
	Map work	
Unit II	India-Resources and their Development Natural resources, Agriculture, Water resources, Mineral resources, Power resources, Manufacturing industries, Transport, communication and trade	
	Map work	25
Unit III	Democratic Politics II Working of democracy, power sharing mechanisms, competition and contestations, outcomes and challenges.	20
Unit IV	Understanding economics II Story of development, money and financial system, role of service sector, globalization, consumer awareness	20
Unit V	Disaster management Tsunami, safer construction practices, survival skills, alternate communication systems during disasters, sharing responsibility.	10

Ref. Books

1. India and Contemporary World, Part II (X class) (N.C.E.R.T.)  
भारत और समकालीन विश्व भाग II
2. Contemporary India Part II (N.C.E.R.T.)  
समकालीन भारत भाग-2
3. An Understanding of Economic Development (N.C.E.R.T.)  
आर्थिक विकास की समझ
4. Democratic Politics Part II (N.C.E.R.T.)  
लोकतांत्रिक राजनीति, भाग-2
5. Disaster Management  
आपदा प्रबंधन (सुनामी, सुरक्षात्मक उपाय आदि)

<b>षष्ठपत्रम् गणितम् (Mathematics) / आधुनिकविषयाः</b>		<b>100</b>
Unit I	Number Systems real numbers, rational numbers	05
Unit II	Algebra	15
(i)	Polynomials	
(ii)	Pair of linear equations in two variables	
(iii)	Quadratic Equations	
(iv)	Arithmetic Progressions	
Unit III	Trigonometry	20
(i)	Introduction to Trigonometry	
(ii)	Trigonometric identities	
(iii)	Heights and distances	
Unit IV	Co-ordinate geometry	10
(i)	lines (in two dimensions)	
Unit V	Geometry	10
(i)	Triangles, circles, constructions	
Unit VI	Mensuration	20
(i)	Areas related to circles,	
(ii)	Surface area and volumes	
Unit VII	Statistics and Probability	20
Ref. Books		
Mathematics for class X		
गणित (कक्षा X)		

**आधुनिक विषया:**

**गृहविज्ञानम् / (Home Science)**

**100**

One Theory Paper 3 hours

75 Marks

One Practical Paper 3 hours

25 Marks

**Theory**

- Unit I Principles of growth and development of child between birth to 3 years, Physical, Social and emotional needs of children.
- Unit II Role of Books, Music rhymes, games, radio, T.V. & Video.
- Unit III Play : Meaning, need and types of play in children between birth to 3 years, Play materials for children, Characteristics of play material.
- Unit IV Nutrients : Functions, Sources and deficiency of Carbo-hydrates, proteins, Fats, Minerals, Iron, Calcium and Iodine and Vitamins.
- Unit V Meal Planning : Concept need and factors affecting meal planning, age, Sex, climate, Physical needs, family tradition, food Groups.
- Unit VI Food hygiene & methods of storage of food.
- Unit VII Resources available to family, human (energy, time, knowledge)
- Unit VIII Money Management non-human (money, material goods)
- Unit IX Consumer Education-Consumer rights and responsibilities, consumer Problems.
- Unit X Care of Clothes
- Unit XI Quality check of apparel.

**Practicals:**

1. Observe and record physical and mental characteristics of a child at any given stage between 0-3 yrs. of age.
2. Observe play activities of children between 1-3 years of age. Record their interests and characteristics of play materials.
3. Make a suitable play object for a child between 0 to 3 yrs.
4. Prepare dishes using methods of enhancement of nutrients.
5. Prepare useful household items recycling waste materials.
6. List any five malpractices you have observed in the market.
7. Practise basic stitches-tacking, running, hemming and back stitch.
8. Remove common stains-curry, paint, ball pen ink, lipstick, blood, rust, tea & coffee.

9. Launder and finish cotton, silk, wool and synthetic articles.
  10. Examine quality of a stitched garment.
  11. Read label on a ready made garment.
- Note: Students are required to maintain record of practical work undertaken in the academic session.

Reference:

1. Home Science by staff of Lady Irwin College published by Longmans, New Delhi.
2. Despatches 1-6 (Secondary 1-6) (Secondary Course) prepared, published & Marketed by Institute of Open Schooling, Noida.

Or

**चित्रांकनम् / (Drawing) 100**

- (i) Drawing from memory.
- (ii) Simple composition in water/poster pastel colours based on study of nature, objects, sketching from life.

Or

**संगीतम् / (Music) 100**

Hindustani

- I. Basic knowledge of the structure and tuning of Tanpura.
- II. Knowledge of the notation systems laid down by Pt. Vishnu Digambar and Pt. V.N. Bhatkhande.
- III. Definitions of Vadi, Samvadi, anuvadi, vivadi and alap.
- IV. Brief description of Natya-Shastra, Sangeet Ratnakar
- V. General knowledge with definition of Nad, Ahatanaad Anahata and its Jati and Guna.
- VI. Paribhasa Purba Raga, Uttar Raga, Janak, Asrapa Roga
- VII. Knowledge of Khayal, Dhrupad, Bhajan or old songs.  
Life and work of Pt. Bhatkhande or B.D. Paluskar.

Practical

1. Community singing  
(Two songs in regional language) one Tagore song.  
Aaroh, avaroha, Pakad, and drut khyal in ragas-Kafi, Khamaj, Sarang and Desh with simple elaboration and few tanas.

Ref. Books

1. Kramik Pustak Malika by Pt. V.N. Bhatkhande
2. Rag Vigyan by Pt. V.N. Patwardnan.

सप्तमपत्रम्–विज्ञानम् (Science)/शास्त्रीयविषयाः

विज्ञानम् (Science)

100

- Unit I Chemical substances-nature and behaviour-acids, bases, salts, Chemical reactions, metals and non-metals, carbon-compounds, Periodic classification of elements.
- Unit II The world of the living  
Our environment, Life processes, control of and co-ordination in plants and animals,  
Reproduction, Heredity and evolution.
- Unit III How things work  
Effects of current, potential difference, ohm's law, magnets
- Unit IV Natural phenomena  
Convergence and divergence of light, Images, Refraction laws, various lenses.
- Unit V Natural resources  
Conservation of natural resources  
The regional environment, dams-advantage of limitations, water-harvesting, sources of energy-fossil fuels, solar energy, bio-gas, wind, water and tidal energy, Renewable and non-renewable sources.

Ref. Books

Science (For Class X) / विज्ञान भाग II (N.C.E.R.T.)

शास्त्रीयविषयाः

1. व्याकरणम् 100  
मध्यसिद्धान्तकौमुदी – स्त्रीप्रत्ययकारकप्रकरणम्  
अथवा
2. साहित्यम् 100  
(क) चन्द्रालोकः, चतुर्थषष्ठमयूखौ 70

	(ख) अभिनवकाव्यालंकारसूत्रम् (प्रथमाधिकरणम्)	30
	अथवा	
3.	दर्शनम्	100
	योगसूत्रम् (मूलमात्रम्)	
	अथवा	
4.	ज्यौतिषम्	100
	(क) लीलावती, क्षेत्रव्यवहारतः समाप्तिपर्यन्तम्	50
	(ख) मूहूर्तचिन्तामणिः, विवाहप्रकरणतः वास्तुप्रकरणान्तः	50