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**INFORMATION TECHNOLOGY**

27 ) InformationTechnology Vocational(402) : Kips Learning Solutions Pvt. Ltd. B-13, Sector-83,Noida-201305, Ph. 8130100096

**COMPUTER PRACTICES**

28) Computer Science : Kips Learning Solutions Pvt. Ltd. B-13, Sector-83,Noida-201305, Ph. 8130100096

**Environmental Education**

29) A Textbook of Environmental : Goyal Brothers Prakashan, New Delhi. D-231, Sec-63, Noida-201301(U.P), Ph-0126-3830000

**DIVINITY**

30) Japji Sahib : Hemkunt Press Publisher, New delhi 401, Ansals Imperial Tower, C-Block, Community Centre Naraina Vihar, Delhi-110028 Tele-011-41412083

31) The Illustrated Ardaas : Hemkunt Press Publisher, New delhi 401, Ansals Imperial Tower, C-Block, Community Centre Naraina Vihar, Delhi-110028 Tele-011-41412083

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**SAHIBZADA AJIT SINGH ACADEMY, ROOPNAGAR**

Syllabus for X Class 2021-22

**IMPORTANT INSTRUCTIONS FOR X CLASS**

The examination would be conducted as per the remodelled assessment structure explained below.

**A. Remodeled assessment structure effective from the Academic Year 2019-20 for Class X**

**1. Scholastic Area**

Total 100 Marks (Syllabus for assessment will be only Class-X)				
Subjects	80 Marks (Board Examination) Student has to secure 33% marks out of 80 Marks in each subject	20 Marks (Internal Assessment) Student has to secure 33% marks out of overall 20 marks earmarked in each subject		
		Periodic Test (10 Marks)	Notebook Submission (5 Marks)	Subject Enrichment Activity (5 Marks)
		(i)	(ii)	(iii)
Language 1 (Hindi Course A or Hindi Course B or English Language & Literature) [G-L]	Board will conduct Class-X Examination for 80 marks in each subject covering 100% syllabus of the subject of Class-X only.  Marks and Grades both will be awarded for individual subjects.  9-point grading will be same as followed by the Board in Class XII	Periodic Written Test, restricted to three in each subject in an Academic Year. Average of the best two tests to be taken for final marks submission	This will cover:  <ul style="list-style-type: none"> <li>• Regularity</li> <li>• Assignment Completion</li> <li>• Neatness &amp; upkeep of notebook</li> </ul>	Speaking and listening skills
Language 2 (Any one from Group-L other than Language chosen as Subject One.)				Speaking and listening skills
Mathematics:				Practical Lab work
Science				Map Work and Project Work
Social Science				
6 <sup>th</sup> Optional Subject Skill Subject from Group- S 7 <sup>th</sup> Optional Subject Language III any Academic Subject other than opted above Group L / A2				
Note: In case student opts a language as 6 <sup>th</sup> additional subject the modalities defined for Languages 1 and 2 shall be followed. Work experience is subsumed in Health and Physical Education.				

**2. Co-Scholastic Activities:**

Schools should promote co-curricular activities for the holistic development of the student. These activities will be graded on a 5-point grading scale (A to E) and will have no descriptive indicators. No upscaling of grades will be done.

Activity	To be graded on a 5-point scale (A-E) in school	Areas and Objectives (as prescribed in the scheme of studies for subjects of Internal Assessment)
<b>Art Education</b>	Expression creativity and Aesthetic appeal	Art Education constitutes an important area of curricular activity for development of wholesome personality of the students. Students will select one or more forms of creative arts. Students may select one from each from visual art (Drawing, Painting, Murals, Collages, Crafts, Sculpture, etc.) and performing arts (Dance, Music, Drama, Puppetry, and Folk Art forms etc.
<b>Health &amp; Physical Education (Sports/ Martial Arts/ Yoga/ NCC etc.) which includes work experience</b>	Overall Fitness	Health & Physical Activity preferably sports must be given a regular period. Students should be provided opportunities to get professionally trained in the area of their interest. Indigenous sports, yoga and NCC must be encouraged in the schools creating a sense of physical fitness, discipline, sportsmanship, patriotism, self-sacrifice and health care.

**Discipline (Attendance, Sincerity, Behaviour, Values):**

Discipline significantly impacts career shaping and it helps build character. Sincerity, good behavior and values develop strength and foster unity and co-operation. Therefore, the element of discipline has been introduced Class teacher will be responsible for grading the students of a Five-point scale (A to E).

The internal assessment comprising 20 marks (10+5+5) entails objectivity and a structured approach. For a holistic assessment, the teachers are expected to make it an effective tool.

**Important Instruction:-**

- No student shall be eligible to take the examination unless he has completed 75% of attendance counted from the opening of class up to the 1<sup>st</sup> of the month preceding the month in which the examination commences in the subjects of internal assessment.
- Students may offer any one of the following as an additional subject:  
Language other than the two compulsory languages **OR** Introductory Information Technology
- There will be weekly tests on **Monday** – English & Science, **Tuesday** – Mathematics & S.S, **Wednesday** – Punjabi/Hindi, Biology, Chemistry & Physics on alternative days.

**SCIENCE (Code No. 086)**

- |     |                          |   |  |
|-----|--------------------------|---|--|
| 12) | Science Text Book for –X | : | NCERT, Publications.   |
| 14) | Science Practical-X      | : | Bliss Publication<br>Ansari Road, Daryaganj, Delhi-110002  |
| 15) | Reference for Physics    | : | Dinesh Publication Near Sitla Mandir, Circular Road, Mai Hiran Gate, Jalandhar-144008<br>Ph- 0181-2280208, 4606108 to 111  |
| 16) | Reference for Chemistry  | : | Srijan Publication, Plot No.10, 1 <sup>st</sup> Floor, Vishal Market Commercial Complex, West Mukherjee Nagar, Delhi-110009,<br>Ph-011-42161600, Fax- 011-42448400 |
| 17) | Reference for Biology    | : | Srijan Publication, Plot No.10, 1 <sup>st</sup> Floor, Vishal Market Commercial Complex, West Mukherjee Nagar, Delhi-110009.<br>Ph-011-42161600, Fax- 011-42448400 |

**SOCIAL SCIENCE (Code No. 087)**

- |     |   |   |                         |
|-----|---|---|-------------------------|
| 18) | Social Science<br>India and the Contemporary World-II For Class-X                 | : | NCERT Publications.     |
| 19) | India- Resources and Their Development For Class-X                                | : | NCERT Publications.     |
| 20) | Democratic Politics –II For Class-X   | : | NCERT, Publications.    |
| 21) | Understanding Economics-II For Class-X  | : | NCERT, Publications.    |
| 22) | Together Towards A Safer India III: A Textbook on Disaster Management For Class-X | : | CBSE, Publications.     |
| 23) | Rajiv Atlas (Map Practice) Based on Social Sciences for Class X                   | : | Rajiv Publishers, Delhi |

**PUNJABI (Code No. 004)**

- |     |  |   |   |
|-----|--|---|---|
| 24) | ਸਾਹਿਤ ਰੰਗ-II                             | : | Published by CBSE, Delhi.                         |
| 25) | ਸਾਹਿਤ ਕਿਰਨਾਂ-II                          | : | Published by CBSE, Delhi                          |
| 26) | ਸੀ.ਬੀ.ਐੱਸ.ਈ ਪੰਜਾਬੀ ਵਿਆਕਰਨ ਅਤੇ ਲਿਖਿਤ ਰਚਨਾ | : | By Narinder Singh Dugal New Book Company Janadhar |

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**PRESCRIBED BOOKS**

**HINDI Course B (Code 085)**

- 1) स्पर्श भाग: 2 (पाठ्य पुस्तक)      रु      राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्, नई दिल्ली द्वारा प्रकाशित।  
2ख      संचयन भाग: 2      रु      राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्, नई दिल्ली द्वारा प्रकाशित।  
(पूरक पाठ्य-पुस्तक)  
3ख      क्लृप्तपदा पीछकपूतगुफू तबदू (कक्षा 9-10 के लिए)कोर्स 'बी'

**ENGLISH – COMMUNICATIVE (Code No. 101)**

- 4) Interact in English-X : Revised edition Published by CBSE  
Main Course Book      Delhi  
5) Interact in English-X : Revised edition Published by CBSE  
Literature Reader      Delhi.  
6) Interact in English-X : Revised edition Published by CBSE,  
Workbook      Delhi.  
7) The Story of My Life : Brajindra Book Company, 21 Chhoti  
Market, Model Town, Karnal-132001  
(Haryana)  
Ph:0184-2266637, Fax: 0184-4045237  
8) WREN & MARTIN : by Wren & Martin  
High School English Grammar      N.D.V. PRASADA RAO  
& Composition      S. CHAND  
9) BBC : Brajindra Book Company, 21 Chhoti  
Market, Model Town, Karnal-132001  
(Haryana)  
Ph:0184-2266637, Fax: 0184-4045237

**MATHEMATICS (Code 041)**

- 10) Mathematics for Class X : N.C.E.R.T. Publication  
Revised Edition  
11) MATHEMATICS Laboratory : PRACHI (INDIA) PVT. LTD.  
Activity Book -10      Allied House, Inder Lok, Delhi-110 035

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**ENGLISH LANGUAGE AND LITERATURE (Code No. 184)  
CLASS –X (2019-20)**

Section		Total Weightage 80
A	Reading Skills	20
B	Writing Skills with Grammar	30
C	Literature Textbook and Supplementary Reading Text	30
	<b>TOTAL</b>	<b>80</b>
	<b>INTERNAL ASSESSMENT (Periodic Assessment= 05+05, Subject Enrichment (Practical Work) = 05 &amp; Portfolio= 05)</b>	<b>20</b>
	<b>GRAND TOTAL</b>	<b>100</b>

**Note:**

- **The annual examination will be of 80 marks, with a duration of three hours.  
There will be internal assessment for 20 marks.**

**SECTION A : READING      20 Marks      50 Periods**

This section will have unseen passages of a total length of 700-750. The arrangement within the reading section is as follows:

- Q.1:** A Factual passage of 300-350 words with eight Objective Type Questions (including Multiple Choice Questions)      **[8 marks]**  
**Q.2:** A Discursive passage of 350-400 words with four short answer type Questions to test inference, evaluation and analysis four objective type questions (including Multiple Choice Questions) to test Vocabulary.      **[12 marks]**

**SECTION B : WRITING AND GRAMMAR      30 Marks      60 Periods**

- For writing tasks there will be internal choice.**  
**Q 3.** Formal letter Complaint/ inquiry/ Placing Order/ letter to editor/ article in about 100-150 words The questions will be thematically based on the prescribed books.      **[8 marks]**  
**Q 4.** Writing a short story based on a given outline or cue/s in about 150-200 words.      **[10 marks]**

**The Grammar syllabus will include the following areas in class X:**

1. Tenses
2. Modals
3. Use of passive voice
4. Subject – verb concord
5. Reporting
  - Commands and requests
  - Statements
  - Questions

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6. **Clauses**

- o Noun clauses
  - o Adverb clauses
  - o Relative clauses
7. Determiners
8. Prepositions

The above items may be tested through test types given below:

**Q 5:** Gap filling with one or two words to test Preposition, Articles, Conjunctions and Tenses. [4 Marks]

**Q 6.** Editing or Omission. [4 Marks]

**Q7.** Sentences Reordering or Sentence Transformation in context. [4 Marks]

**SECTION:C LITERATURE TEXTBOOK AND SUPPLEMENTARY READING TEXT** [60 Periods]

**Internal Choice will be there.** [30 Marks]

**Q8.** One out of two extracts from prose/ poetry/ play for reference to context. Four Objective type Questions(including MCQs): Two questions of one mark each on global Comprehension and two questions of one mark each on interpretation. [4 Marks]

**Q9.** Five short Answer type Questions to be answered in 30-40 words each from **FIRST FLIGHT and FOOTPRINTD WITHOUT FEET** to test local and global comprehension of theme and ideas (three from **FIRST FLIGHT** and two from **FOOTPRINTS WITHOUT FEET**). [2x5=10 marks]

**Q 10.** One out of two Long Answer type Questions from **FIRST FLIGHT** to be answered In about 100-150 words to assess creativity, imagination and extrapolation beyond the text and across the texts. [8 marks]

**Q 11.** One out of two Long Answer Questions from the book **FOOTPRINTS without FEET** on Theme or plot involving interpretation, extrapolation beyond the text and inference or Character sketch to be answered in about (100-150words) [8 marks]

**Reading Section:** Reading for comprehension, critical evaluation, inference and analysis are skilled to be tested.

**Writing Section:** All types of short and extended writing tasks will be dealt with,

**Grammar :** Grammar items mentioned in the syllabus will be taught and assessed over a period of time. There will be no division of syllabus for Grammar.

**Assessment of Listening and Speaking Skills:-** 50 Periods

Assessment of Listening and Speaking Skills will be for 05 marks. It is recommended that listening and speaking skills should be regularly practiced in the class. Art-integrated activities like Role Play, Skit, Dramatization etc. can also be used.

**INFORMATION TECHNOLOGY**

(Code No. 402)

**Total Marks: 100 (Theory- 50 + Practical- 50)**

**Theory: (Part-A)**

**Unit-1 Communication skills-II**

**Unit-2 Self- Management Skills-II**

**Unit-3 Information And Communication Technology Skills-II**

**Unit 4 Entrepreneurial Skills-II**

**Unit 5 Green Skills-II**

**Theory: (Part-B)**

**Unit-1 Web Applications (Basics)**

**Unit-2 Word Processing (Intermediate)**

**Unit-3 Spread sheet (Intermediate)**

**Unit 4 Digital Presentation (Intermediate)**

**Unit 5 E Mail Messaging (Intermediate)**

**Unit 6 Database Development (Basics)**

**Practical :**

**Project Work:** [Practical Examination: (15), Written Test: (10), Viva Voce: (10)]

**Project Work/ Field Visit:** [Practical file/ students portfolio: (10), Viva Voce: (5)]

**Month wise syllabus**

Subject	April	May	June	July/Aug	Sept.	Oct./ Nov	Dec
Infomation Technology	Unit-1 Session: 1-11	Unit-3 Session: 5-11	Unit-2 Session: 1-4	Unit-3 Session: 1-4	Unit-5 Session: 1-3	Unit-6 Session 1-8 (In Oct.)	Unit-7 Session: 1-8
	Unit-3 Session: 1-4			Unit-4 Session: 6-12	Revision	Session: 9-10 (in Nov.)	

**Note:- 1. Periodic test will be taken in the end of July & mid of January.**

**2. August and February are Revision Months.**

**Annual:- Full year syllabus included**

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The Project carried out by the students should subsequently be shared among themselves through interactive sessions such as exhibitions, panel discussions, etc.  
All documents pertaining to assessment under this activity should be meticulously maintained by the concerned schools. A Summary Report should be prepared highlighting:

- Objectives realized through individual or group interactions:
- Calendar of activities;
- Innovative ideas generated in this process;
- List of questions asked in viva voce

It is to be noted here by all the teachers and students that the projects and models prepared should be made from eco-friendly products without incurring too much expenditure. The Project Report should be handwritten by the students themselves and comprise of not more than 15 foolscap pages. The record of the project work (internal assessment) should be kept for a period of three months for verification, if any.

**MONTH WISE SYLLABUS**

April	May	June - July	Aug	Sep	Oct	Nov	Dec	Jan
Geo-Ch-1 Civics-Ch-1 His Ch-1 Eco Ch-1	Geo-Ch-3 Civics-Ch-2 His Ch-1 Eco Ch-2	Geo-Ch-4 Civics-Ch-3 His Ch-2 Eco Ch-2	Revision	Exam	Geo-Ch-5 Civics-Ch-4 His Ch-3 Eco Ch-3.	Geo-Ch-6 Civics-Ch-6 His Ch-3 Eco Ch-3	Geo-Ch-7 Civics-Ch-7 His Ch-4 Eco Ch-4	Geo-Ch-7 Civics-Ch-7 His Ch-4 Eco Ch-5

- Note:-** 1. Periodic test will be taken in the end of July & mid of January.  
2. August and February are Revision Months.

**Annual:-** Full year syllabus included.

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**English Language & Literature (Code no.184)  
Class-X (2019-2020)**

<b>Text books</b>	
<b>Literature Reader (First flight)</b>	
<b>PROSE (First flight)</b>	
1. A Letter To God	7. Glimpses of India
2. Nelson Mandela: Long Walk To Freedom	8. Milbil of Otter
3. Two Stories about Flying	9. Madam Rides the Bus
4. From the Diary of Anne Frank	10. The sermon at Benares
5. The Hundred Dresses-I	11. The Proposal
6. The Hundred Dresses-II	
<b>POETRY</b>	
1. Dust of snow	7. Animals
2. Fire and Ice	8. The Trees
3. A Tiger in the Zoo	9. Fog
4. How to Tell Wild Animals	10. The Tale of Custard the Dragon
5. The Ball Poem	11. For Anne Gregory
6. Amanda	
<b>SUPPLEMENTARY READER (Footprints Without Feet)</b>	
1. A Triumph of Surgery	6. The Making of a Scientist
2. The Thief's Story	7. The Necklace
3. The Midnight Visitor	8. The Hack Driver
4. A Question of Trust	9. Bholi
5. Footprints Without Feet	10. The Book that Saved the Earth

- Note:-** 1. Periodic test will be taken in the end of July & mid of January.  
2. August and February are Revision Months.

**MONTHLY SYLLABUS**

<p><b>April</b> Prose (Ch-1,2), Poetry (Ch-1,2) Supplementary Reader (Ch-1), (Grammar) Tenses Writing Skills <b>[Official Letters]</b> (Complaint Letter, Story writing)</p> <p><b>May</b> Prose (Ch-3,4), Poetry (Ch-3,4), Supplementary Reader (Ch-2,3), (Grammar) Modals Writing Skills <b>[Official Letters]</b> (Enquiry letter, Story writing)</p> <p><b>June-July</b> Prose (Ch-5,6), Poetry(Ch-5,6), Supplementary Reader (Ch-4,5), (Grammar) Use of Passive Voice, Editing or Omission, Sentences Reordering or Sentence Transformation in context, Verb Concord. Writing Skills (Placing order, Story writing) <b>(Practice from BBC)</b></p> <p><b>August</b>      <b>Revision</b></p> <p><b>September</b>      Examination</p>	<p><b>October</b> Prose (Ch-7,8), Poetry (Ch-7,8), Supplementary Reader (Ch-6,7), (Grammar) Reporting Writing Skills <b>[Official Letters]</b> (Letter to Editor, Story writing)</p> <p><b>November</b> Prose (Ch-9) , Poetry (Ch-9), Supplementary Reader (Ch-8), (Grammar) Clauses Writing Skills. (Article, Story writing) <b>(Practice from BBC)</b></p> <p><b>December</b> Prose (Ch-10,11), Poetry (Ch-10), (Grammar) Determiners, Articles, Conjunctions Writing Skills (Story writing) <b>(Practice from BBC)</b></p> <p><b>January</b> Poetry (Ch-11), Supp. Reader (Ch-10), (Grammar), Prepositions Writing Skills (Formal Letters, Story writing) <b>(Practice from BBC)</b></p> <p><b>February</b>      (ASL)Revision</p> <p><b>March</b>      Examination</p>
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**Note:-** 1. Periodic test will be taken in the end of July & mid of January.  
2. August and February are Revision Months.

**UNIT 3 Democratic Politics- II**

- 1 & 2. Power sharing & Federalism
- 3 & 4. Democracy and Diversity & Gender Religion and Caste

**(Note:-** The chapter “Democracy and Diversity” to be assessed in the Periodic Tests only & will not be evaluated in Board Examination.)

- 5 Popular Struggles and Movements

**(Note:-** 1. The chapter “Popular Struggles and Movements” to be assessed in the Periodic Tests only & will not be evaluated in Board Examination.)

- 6. Political Parties:
- 7. Outcomes of Democracy:
- 8. Challenges to Democracy:

**(Note:-** The chapter “Challenges to Democracy” to be assessed in the Periodic Tests only & will not be evaluated in Board Examination.)

**UNIT 4 Understanding Economic Development**

- 1 Development
- 2 Sectors of the Indian Economy
- 3 Money and Credit
- 4 Globalization & the Indian Economy
- 5 Consumer Rights

**Note:-** Chapter-5 “Consumer Rights” to be done as project work.

**Project Work:** [05 Periods]

**Every Student** has to compulsorily undertake **any one project** on the following topics.

- 1. Consumer Awareness

**Or**

- 2. Social Issues

**Or**

- 3. Sustainable Development

The distribution of marks over different aspects relating to Project work is as follows:

S.NO	ASPECTS	MARKS
1.	Content accuracy, originality and analysis	2
2.	Presentation and creativity	2
3.	Viva Voce	1

**Note:-** 1. Periodic test will be taken in the end of July & mid of January.

2. August and February are Revision Months.

**Annual:-** Full year syllabus included

**DIVINITY**

Ardaas,  
Mool Mantra,  
Japji Sahib,  
Academy Morning Prayer

**Note:-** For other Faiths as per their tradition.

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**SOCIAL SCIENCE**  
**Course Structure CLASS – X (Session 2018-19)**

Time : 3 Hrs.

UNIT		Marks	Period
1.	India and the Contemporary World -II	20	60
2.	Contemporary India-II	20	55
3.	Democratic Politics- II	20	50
4.	Understanding Economics Development	20	50
	<b>TOTAL</b>	80	215

**Unit 1: India and the Contemporary World –II**

**In Sub Unit- 1.1 students are required to choose any two themes. In that sub-unit, theme 3 is compulsory**

and for second theme students are required to choose any one from the first two themes

In Sub Unit- 1.2, 1.3 students are required to choose any one theme from each. Thus all students are required to study four themes in all.

**Sub Unit 1.1 : Events and processes:**

1. The Rise of Nationalism in Europe:
2. Nationalism in India

**Sub Unit 1.2 : Livelihoods, Economics and Societies:**

**(ANY ONE OF THE FOLLOWING THEMES)**

3. The making of Global World:
4. The Age of Industrialization:

**Sub- Unit 1.3 Everyday Life, Culture and Politics**

5. Print Culture and The Modern World

**UNIT 2- Contemporary India-II**

1. Resources and Development:
2. Forest and Wild Life (**Note:** The chapter "Forest & Wild Life" to be assessed in the Periodic Tests only & will not be evaluated in Board Examination.)
3. Water Resources: (**Note:** The chapter "Water Resources" to be assessed in the Periodic Tests only & will not be evaluated in Board Examination.)
4. Agriculture
5. Minerals and Energy Resources:
6. Manufacturing Industries:
7. Life Lines of National Economy

**Project/Activity:**

- Learners may collect photographs of typical rural houses, and clothing of people from different regions of India and examine whether they reflect any relationship with climatic conditions and relief of the area.
- Learner may write a brief report on various irrigation practices in the village and the change in cropping pattern in the last decade.

**Posters:**

- Pollution of water in the locality.
  - Depletion of forests and the greenhouse effect
- [ **Note: Any similar activity may be taken up.**]

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कक्षा दसवीं हिन्दी 'ब' -2019-20

परीक्षा भार विभाजन (विषयवस्तु)

1. अपठित गद्यांश व काव्यांश पर शीर्षक का चुनाव, विषय-वस्तु का बोध, अभिव्यक्ति

आदि पर अति लघु प्रश्न एवं लघु प्रश्न

अ. अपठित गद्यांश (100-150 शब्दों के) (2 X 4) (1 X 1) 09

ब. अपठित काव्यांश लघु प्रश्न (विकल्प सहित) (2 X 3) 06

2. व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु, संरचना

आदि पर प्रश्न

1. शब्द और पद (1) 2. रचना के आधार पर वाक्य रूपांतर (3)

3. समास (4) 4. अशुद्धि शोधन (4) 5. मुहावरे (3)

3. पाठ्यपुस्तक स्पर्श भाग-२ व पूरक पाठ्यपुस्तक संचयन भाग-२

अ. गद्य खंड 10

1. पाठ्यपुस्तक स्पर्श के गद्य पाठों के आधार पर लघु प्रश्न 05

2. पाठ्यपुस्तक स्पर्श के निर्धारित पाठों (गद्य) पर एक निबंधात्मक प्रश्न (विकल्प सहित) 05

ब. काव्य खंड 10

1. पाठ्यपुस्तक स्पर्श के काव्य पाठों के आधार पर लघु प्रश्न 10

2. कविता की समझ पर आधारित पर एक निबंधात्मक प्रश्न (विकल्प सहित) 05

स. पूरक पाठ्यपुस्तक संचयन भाग-२

पूरक पाठ्यपुस्तक संचयन के निर्धारित पाठों से दो प्रश्न पूछे जाएंगे जिसमें एक प्रश्न (३ अंक) (विकल्प सहित) व दूसरा (२ अंक) का होगा ।

लेखन :-

1) संकेत बिंदुओं पर आधारित विषयो एवं व्यावहारिक जीवन से जुड़े हुए विषयो पर

80 से 100 शब्दों में अनुच्छेद ।

2) अभिव्यक्ति की क्षमता पर आधारित एक औपचारिक विषय पर पत्र।

3) **चित्र वर्णन** 50- शब्दों में।

4) किसी एक विषय पर 50 शब्दों में संवाद लेखन।

5) विषय से संबंधित 50 शब्दों में विज्ञापन लेखन।

**Note:-** मधुर-मधुर मेरे दीपक जल, तीसरी कसम के शिल्पकार, गिरगिट पाठों से प्रश्न नहीं पूछे जाएंगे।

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क्रम सं०	पाठ्य पुस्तक	(अप्रैल से सितम्बर)	(अक्तूबर से मार्च)	व्यवाहरिक व्याकरण
	पुस्तक स्पर्श(गद्य)			(अप्रैल स मार्च)
1.	बड़े भाई साहब	✓		व्याकरण
2.	डायरी का एक पन्ना	✓		शब्द और पद में अन्तर,
3.	तताँरा वामीरो कथा	✓		रचना के आधार पर वाक्य रूपांतर,
4.	तीसरी कसम के शिल्पकार	X	X	समास
5.	गिरगिट	X	X	अशुद्धि शोधन
6.	अब कहाँ दूसरों के दुख में दुखी होने वाले		✓	मुहावरे
7.	पतझड़ में टूटी पत्तियाँ		✓	
8.	कारतूस		✓	
1	कबीर (साखी)	✓		
2	मीरा के पद	✓		
3	पर्वत प्रदेश में पावस	✓		
4	तोप	✓		
5	बिहारी के दोहे		✓	
6	मनुष्यता		✓	
7	मधुर-मधुर मेरे दीपक जल	X	X	
8	कर चले हम फिदा		✓	
9	आत्मत्राण		✓	
	पुस्तक संचयन		✓	
1	हरिहर काका	✓		
2	सपनों के से दिन		✓	
3	टोपी शुक्ला		✓	

Note:- 1. Periodic test will be taken in the end of July & mid of January.

2. August and February are Revision Months.

Annual:- Full year syllabus included

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### MONTHLY SYLLABUS

April-May	Phy Ch-1, Chm Ch-1, Bio Ch-1
June-July	Phy Ch-2, Chm Ch-2, Bio Ch-2
August -Sept	Phy Ch-3, Chm Ch-3, Bio Ch-2
October-Nov	Phy Ch-4, Chm Ch-4, Bio Ch-3,4
December-Jan	Phy Ch-5, Chm Ch-5, Bio Ch-5
February	Revision
March	Examination

#### Internal Assessment:

- Periodic Assessment: 10 Marks
- Subject Enrichment(Practical Work): 05 Marks
- Portfolio: 05 Marks

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2. August and February are Revision Months.

Annual:- Full year syllabus included

### ENVIRONMENT STUDIES

#### APRIL TO AUGUST

- CH: 1 Need to check spoilage of landscape, conservation and management of water.  
 CH:2 Conservation and management of forest, Grasslands and semi-arid Eco system.  
 CH:7 Public awareness programs for Conservation.  
 CH:8 Types and sources of pollution and major pollutants .

#### OCTOBER TO MARCH

- CH.:9 Effects of pollution on environment, Human Health and other organisms  
 CH:12 Energy Crisis- Urban and Rural Sectors  
 CH: 14 Acid Rain and Ozone Layer Depletion  
 CH: 17 Consumer Education

Revision Months: August & February

Annual:- Full year syllabus included



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**SCIENCE (2019-20)  
(CODE NO:086/90)  
COURSE STRUCTURE  
CLASS X**

UNITS		MARKS
i.	<b>Chemical Substances- Nature and Behavior</b>	25
ii.	<b>World of living</b>	23
iii.	<b>Natural Phenomena</b>	12
iv.	<b>Effects of Current</b>	13
v.	<b>Natural Resources</b>	07
	<b>TOTAL</b>	<b>80</b>
	<b>INTERNAL ASSESSMENT</b>	<b>20</b>
	<b>GRAND TOTAL</b>	<b>100</b>

**Note:-** Question paper will consist of 27 questions. All questions would be compulsory. However, an internal choice will be provided in three questions of 3 marks each, two questions of 5 marks each and one question (for assessing the practical skills) of 2 marks.

**Theme:- Materials**

**Unit-I:- Chemical Substances- Nature and Behaviour**

Chemical reactions, Acids, bases and salts, Metals and non-metals, Carbon compounds, Periodic classification of elements.

**Theme:- The World of the Living**

**Unit-II World of Living**

Life Processes, Control and co-ordination in animals and plants, Reproduction Heredity and Evolution.

**Theme:- Natural Phenomena**

**Unit-III Natural Phenomena**

**Theme:- How things work**

**Unit-IV Effects of Current**

Magnetic effects of current

**Theme:- Natural Resources**

**Unit-V Natural Resources**

Sources of energy, Our Environment, Management of natural resources

**Practicals**

(Practicals should be conducted alongside the concepts taught in theory classes)

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**MATHEMATICS [COURSE STRUCTURE]  
CLASS X (2019-20)**

UNITS	NAMES	MARKS
i.	NUMBER SYSTEM	06
ii.	ALGEBRA	20
iii.	COORDINATE GEOMETRY	06
iv.	GEOMETRY	15
v.	TRIGONOMETRY	12
vi.	MENSURATION	10
vii.	STATISTICS & PROBABILITY	11
	<b>TOTAL</b>	<b>80</b>

**Unit-I :- Number Systems**

Real numbers

**Unit-II :- Algebra**

Polynomials, Pair of linear equations in two variables, Quadratic equations, Arithmetic Progressions

**Unit-III :- Coordinate Geometry**

Lines (In two- dimensions)

**Unit-IV :- Geometry**

Triangles, Circles, Construction

**Unit-V :- Trigonometry**

Introduction to trigonometry, trigonometric identities, heights and Distances

**Unit-VI :- Mensuration**

Areas related to circles, surface areas and volumes

**Unit-VII :- Statistics and Probability**

Statistics, Probability

**Internal Assessment (20):- Pen Paper Test and Multiple Assessment (5+5),**

**Portfolio (5), Lab Practical (5)**

Sub	April	May	June- July	Aug	Sept	Oct	Nov	Dec
Maths	Unit-I Ch-1	Unit-V Ch-1,2	Unit-II Ch-2	Unit-II Ch-4	Exam	Unit-III, Ch-1	Unit-IV Ch-2,3	Unit-6 Ch-2
	Unit-II Ch-1,3	Unit -V Ch-3		Unit-VII Ch -1,2		Unit-IV Ch-1	Unit-VI Ch-1	Unit-V Ch-3

**Note:- 1. Periodic test will be taken in the end of July & mid of January.**

**2. August and February are Revision Months.**

**Annual:- Full year syllabus included**

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ਜਮਾਤ ਦੱਸਵੀਂ ਪੰਜਾਬੀ-004  
(ਅਪ੍ਰੈਲ-ਮਾਰਚ)

One Paper Three Hours 80

1 ਪੜ੍ਹਨ - ਕੌਸ਼ਲ (Reading Skill) 15

1. ਅਣਡਿੱਠਾ ਪੈਰਾ (ਵਾਰਤਕ) 200- 250 ਸ਼ਬਦਾਂ ਵਿੱਚ 9

ਪੰਜ ਛੋਟੇ ਪ੍ਰਸ਼ਨ (2+2+2+2+1) ਇੱਕ ਅੰਕ ਸਿਰਲੇਖ ਲਈ

2. ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਨਾਲ ਸੰਬੰਧਿਤ (ਤਿੰਨ ਪ੍ਰਸ਼ਨ) (3X2=6)

II. ਵਿਆਕਰਨ (ਬਹੁਵਿਕਲਪੀ ਅਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ) (Grammar) 20

1. ਸਮਾਸੀ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ) 4

2. ਬਹੁਆਰਥਕ (ਬਹੁਵਿਕਲਪੀ) 4

3. ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ (ਬਹੁਵਿਕਲਪੀ) 4

4. ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ ਤੱਕ) 4

5. ਅਗੇਤਰ-ਪਿਛੇਤਰ 4

III. ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ-ਕੌਸ਼ਲ ( Writing Skill) 25

1. ਲੇਖ-ਰਚਨਾ (ਵਿਚਾਰ ਪ੍ਰਦਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ ) 200 ਸ਼ਬਦ 10

(ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ-ਨੁਕਤਿਆਂ ਸਹਿਤ)

2. ਪੱਤਰ-ਰਚਨਾ (ਨਿਜੀ/ਦਫ਼ਤਰੀ) ਦੇ ਪੱਤਰ ਚੋਣ ਅਧਾਰਿਤ-ਨੁਕਤਿਆਂ ਸਹਿਤ 08

3. ਇਸਤਿਹਾਰ ਜਾਂ ਤਸਵੀਰ ਦੇ ਅਧਾਰ ਤੇ ਵਰਣਨ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ) 07

IV. ਪਾਠ-ਪੁਸਤਕਾਂ ਤੇ ਅਧਾਰਿਤ (Text Books) 20

1. ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨ (1 ਅੰਕ ਵਾਲੇ)

(ੳ) (ਕਹਾਣੀ, ਵਾਰਤਕ ਵਿੱਚੋਂ) ( ਬਹੁਵਿਕਲਪੀ) (4x1=4)

(ਅ) (ਕਵਿਤਾ, ਇਕਾਂਗੀ ਵਿੱਚੋਂ) ਇਕ ਸ਼ਬਦ ਵਾਲੇ (4x1=4)

2. ਛੋਟੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ 2 ਅੰਕ ਵਾਲੇ(25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ) (3x2=6)

(ਕਹਾਣੀ ਤੇ ਜੀਵਨੀ ਵਿੱਚੋਂ)

3. ਵੱਡੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ) (1x3=3)

(ਕਵਿਤਾ, ਵਾਰਤਕ ਵਿੱਚੋਂ) (ਚੋਣ ਅਧਾਰਿਤ)

4. ਇਕਾਂਗੀ ਵਿੱਚੋਂ (50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ) (1x3=3)

(ਚੋਣ ਅਧਾਰਿਤ)

ਨਿਰਧਾਰਿਤ ਪਾਠ ਪੁਸਤਕਾਂ

1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-2

ਕਾਵਿ-ਰਚਨਾਵਾਂ -

- ਗਉੜੀ ਬੈਰਾਗਣਿ ਮ. ੩ (ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ)
- ਗੁੰਮ ਨੇ ਰਸੋਈ ਵਿੱਚੋਂ (ਕਸ਼ਮੀਰ ਨੀਰ)
- ਗੁਰੂ-ਉਪਦੇਸ਼ (ਪਵਨ ਹਰਚੰਦਪੁਰੀ)
- ਮਾਣ-ਪੰਜਾਬੀ ਦਾ (ਕੁਲਵੰਤ ਸਿੰਘ ਰਫੀਕ)

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ਵਾਰਤਕ -

- ਆਦਤਾਂ (ਰਾਜਿੰਦਰ ਸਿੰਘ)
- ਹੈਂਕੜ ਅਤੇ ਹਊਮੈ ਦੀ ਮਾਰ (ਡਾ. ਹਰਬਿੰਦਰ ਕੌਰ)
- ਕਲਾਤਮਕ ਰੁਚੀਆਂ: ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਪਹਿਚਾਣ (ਪ੍ਰੀਤਮ ਰੂਪਾਲ)
- ਪੰਜਾਬ ਦੇ ਲੋਕਗੀਤ (ਤੇਜਿੰਦਰ ਕੌਰ)
- ਪੱਛੇ ਦੀਆਂ ਪੈਣ ਕਣੀਆਂ (ਪ੍ਰੀਤਮ ਰੂਪਾਲ)

2. ਸਾਹਿਤਕ ਰੰਗ-2

- ਕਹਾਣੀਆਂ- 1. ਮੈਂ ਕਿਸੇ ਤੋਂ ਘੱਟ ਨਹੀਂ (ਦਰਸ਼ਨ ਸਿੰਘ ਆਸ਼ਟ)
2. ਈਅਰ ਫੋਨ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਸੋਢੀ)
3. ਦੁਸ਼ਮਣੀ (ਬਲਵਿੰਦਰ ਸਿੰਘ ਬਰਾੜ)

ਇਕਾਂਗੀ- ਬੇਬੇ ਰਾਮ ਭਜਨੀ (ਪ੍ਰੋ. ਆਈ. ਸੀ . ਨੰਦਾ)

- ਜੀਵਨੀਆਂ- 1. ਬੀਬੀ ਭਾਨੀ ਜੀ (ਸੁਖਵਿੰਦਰ ਕੌਰ)
2. ਉੱਡਣਾ ਸਿੱਖ-ਮਿਲਖਾ ਸਿੰਘ (ਪ੍ਰਕਾਸ਼ ਸਿੰਘ ਗਿੱਲ)
3. ਅਣਥੱਕ ਵਿਗਿਆਨੀ-ਡਾ. ਅਬਦੁੱਲ ਕਲਾਮ (ਡਾ. ਪ੍ਰਿਥਵੀ ਰਾਜ ਬਾਪਰ)

Month wise syllabus:

Subject	April	May	June	July/Aug	Sept.	Oct.	Nov.	Dec.	Jan	Feb
ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਪਿਕਾ ਕਵੀ ਨ:	ਪਾਠ 1	ਪਾਠ 2		ਦੁਹਰਾਈ	Exam	ਪਾਠ 3	ਪਾਠ 4	ਲੇਖ	ਪੱਤਰ	ਦੁਹਰਾਈ
ਵਾਰਤਕ ਭਾਗ		ਪਾਠ 1,2	ਪਾਠ 3	ਦੁਹਰਾਈ	Exam	ਪਾਠ 4	ਪਾਠ 5	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ
ਸਾਹਿਤਕ ਵੰਨਗੀਆਂ ਕਹਾਣੀਆਂ	ਪਾਠ 1, 2		--	ਦੁਹਰਾਈ	Exam	ਪਾਠ 3	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ
ਇਕਾਂਗੀ	--	--	--	ਦੁਹਰਾਈ	Exam	ਪਾਠ 1	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ
ਜੀਵਨੀਆਂ		ਪਾਠ 1	ਪਾਠ 2	ਦੁਹਰਾਈ	Exam	ਪਾਠ 3	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ
ਵਿਆਕਰਨ	ਕਾਵਿ-ਟੋਟੇ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਸਮਾਸੀ ਸ਼ਬਦ	ਬਹੁਆਰਥਕ ਸ਼ਬਦ, ਮੁਹਾਵਰੇ	ਅਗੇਤਰ ਪਿਛੇਤਰ	ਦੁਹਰਾਈ	Exam	ਚਿਤਰ ਵਰਣਨ	ਕਾਵਿ-ਟੋਟੇ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ	ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਨਾਲ ਸੰਬੰਧਿਤ ਪ੍ਰਸ਼ਨ	ਦੁਹਰਾਈ	ਦੁਹਰਾਈ

Internal Assessment (20): Periodic Test: (10), Assignment: (05), ASL: (05)

Note:- 1. Periodic test will be taken in the end of July & mid of January.

2. August and February are Revision Months.

Annual:- Full year syllabus included