

DR. VIRENDRA SWARUP
Shri Ragendra Swarup Group of Institutions
Common Syllabus For All Branches

CLASS-X TERM-I 2020-21

1. Hindi Language (Book-Saras Hindi Vyakaran Pub. Evergreen)– निबन्ध लेखन (प्रस्ताव), चित्र अध्ययन, पत्र लेखन (औपचारिक/अनौपचारिक), कहानी लेखन (सूचित एवं लोकोक्ति), काल, वचन, लिंग, वाच्य, शब्दों को भाव वाचक संज्ञा में बदलना, शब्दों को विशेषण में बदलना, तत्सम/तद्भव, पर्यायवाची, विपरीतार्थक, मुहावरों के अर्थ एवं वाक्य, अनेक शब्दों के लिए एक शब्द, अपठित गद्यांश, वाक्यों में निर्देशानुसार परिवर्तन, अशुद्ध वाक्यों को शुद्ध करना, अशुद्ध शब्दों को शुद्ध करना।

2. Hindi Literature (Book- ICSE Sahitya Sagar, Peom work book(I.U.P.), Ekanki Sanchay Pub. Evergreen, Ekanki Sanchay Work Book(I.U.P.))

Sahitya Sagar Poem Book- मेघ आए, भिक्षुक, चलना हमारा काम है

Ekanki Sanchay- महाभारत की एक सांझ

Note: Complete course of class-IX will be included

3. English Language– Book: Total English (Morning Star) Unit 1 – 8,

4. English Literature- Play: The Merchant of Venice Act-III Scene (III-IV) Act IV, Act V (Including the syllabus of IX)

Prose: Treasure Trove- A collection of ICSE Poems and Short Stories

An Angel in Disguise, The Little Match Girl, The Blue Bead, My Greatest Olympic Prize

Poetry: Treasure Trove

Daffodils, I Know Why The Caged Bird Sings, The Patriot, Abou Ben Adhem

Note- Complete course of Class IX will be included for the Annual Examination.

5. Geography (ICSE Geography – Part II - Goyal Brothers)

1. Climate of India
2. Soils in India
3. Natural Vegetation of India
4. Water resources
5. Minerals and Energy Resources – I
6. Minerals and Energy Resources – II
7. Agriculture in India- i. Introduction, ii. Food Crops, iii. Cash Crops

Map of India and Topographical sheets should be practiced according to the ICSE syllabus for both the terms. The whole syllabus of the Topographical sheet will be completed before the Half yearly Exam.

6. History/Civics- Book-Modern Indian History Contemporary World and Civics Pub. Avichal

History- Ch. 1– The First War of Independence (1857), Ch. 2– Factors promoting Nationalism and Foundation of the Indian National Congress, Ch.3– Programme and Achievements of the early Nationalists, Ch.4– The Rise of Assertive Nationalism, Ch.5– The Partition of Bengal and Swadeshi Movement, Ch.6– Factors Leading to the Formation of the Muslim League,

Ch.7– National Movement during the First World War, Ch.8– National Movement – 1919-1934

Contemporary World- Ch. 9- The First World War (1914-18)

Civics–Ch.1– The Union Parliament: The Rajya Sabha and the Lok Sabha, Ch. 2– The Union Executive: The President and the Vice President, Ch.3– The Union Executive: The Prime Minister, The Union Cabinet and the Council of Ministers

7. Physics- Force, Work Power & Energy, Machine, Refraction of light at plane surface, Refraction through Lens, Spectrum, Sound, Current Electricity

8. Chemistry- Periodic Table, Chemical Bonding, Acid, Bases and Salt, Ammonia, Hydrogen Chloride, Analytical Chemistry, Mole Concept and Stoichiometry, Organic Chemistry

9. Biology- Basic biology- Cell cycle and Cell division, Structure of Chromosome, Genetics, Plant physiology- Absorption by roots, Transpiration, Photosynthesis, Chemical co-ordination in plants, Human Anatomy & Physiology- Circulatory, Excretory system, Endocrine system, Nervous system, Reproduction system

10. Commerce- (Book- Commercial Studies Pub.- S. Chand)

1. Stakeholders in a Commercial Organization, 2. Marketing & Sales, 3. Advertising and Sales Promotion, 4. Consumer Protection, 5. E-Commerce, 6. Capital and Revenue Expenditure, 7. Final Accounts of Sole Proprietorship, 8. Fundamental Concepts of Cost, 9. Budgeting

11. Maths- Matrices, Linear Inequations, Factorization, Banking, Statistics (Measures of central tendency), Probability, Quadratic Equations, Trigonometry, Heights and Distances, Arithmetic and Geometric Progressions, Reflection, Locus, GST (Good & Services Tax), Shares and Dividends, Constructions, Ratio and Proportions

12. Economics Applications- Theory of Demand, Theory of Supply, Productive Mechanism, Land, Labour, Capital, Enterprise

13. Music- Vocal- Theory: 1. Sound, Gamak, Thumri, Poorvang, Uttarang Raag, Shruti, Naad, Three qualities of Naad 2. Knowledge of musical notation System of Pt. V.N. Bhatkhande (Swara and taal) 3. Life history- Amir Khusroo, Pt. V.D. Paluskar 4. Identifying Notes 5. Names of different parts of Tanpura, Simple Sketch and Tuning and handling of the instrument 6. Raag, Bhairav, Bhoopali, Desh, Bagehwari, Malkauns 7. Tal- Teentaal, Jhaptal and Dadra taal, Roopak, Tilwada, Dhammer, Deepchandital

Tabla- 1. Elementary Knowledge and Explanation of the following: 1. Laya and Layarki 2. Tigon and Layakri 3. Paran, Rela, Uthan, with examples 4. Kayada & Palta
2. Writing in taal notation dugun, Tigon & Chagun of all taals learnt in class IX writing their development as well as taal Notation of different tals 3. Roopak, Sooltal, Teevera, Deepchandi (Class X) 4. Teentaal, Jhaptal, Chartaal, (Class X) writing their developments

14. Physical Education- Section-A: 1. Human Growth and Development, 2. Physical Education, 3. Body Types, 4. Physical Fitness Section-B 1. Cricket, Football, Hockey

15. Art- Nature (II Paper)- Hibiscus, Zinnia, Pansy, Sadabahar, Kaner Yellow, Rajnigandha, Poppy Still Life (I Paper)- Surahi, Glass, Mug, Basket, School bag, Capsicum, Gourd, Tomato, Pumpkin, Brinjal, Onion, Apple, Orange, Pineapple, Papaya, Pomegranate, Grapes, Water bottle, Banana, Book, Watermelon, Kettle, Jug, Pepsi, Bucket, Flower, Utensils, Knife, Fork

16. Fashion Designing- 1A. The Choice of the Garments, B. Costing and Cloth Estimation, C. Use and Care of Sewing Equipments (Parts of machine and stitching tools), 2. Drafted and Commercial Patterns, 3. Figure measurements, 4. Common figure problems, 5. Drafting and Adaptation of Patterns, Layout and Cutting outs, Drafting and stitching of bodice block 1-16 years., Plain sleeves, Puff sleeves, Cape collar, Peter Pan collar, Bishop collar

Practical- Traditional embroidery of 6 state, Fasteners and sewing tools (including Project Work)

17. Computer- Classes & Objects, Function / Methods, Using Library Class/Exception handling, Constructor, Encapsulation and Inheritance, Strings

18. Home Science-

L1 – Colours, L2 – Fabrics and Furnishing, L3 – Lighting in the Home, L4 – Space organization in the Kitchen, L5 – Budgeting and Saving, L6 – Fundamental of Development, L7 – Milestones of Development, L8 – Physical Growth and Development, L9 – Personal Hygiene, L10 – Emotional and Behavioural Concern, L11 – Role of Family, Peer Group and School, L12 – Balanced Diet, L13 – Meal Planning for the Family, L14 – Storage and Preservation of Food, L15 – Laundering, L16 – Laundry (Equipments) Materials

19. Elementary Economics- Productive Mechanism- Land, Labour, Capital, Entrepreneur, Theory of Demand, Elasticity of Demand, Theory of Supply, Market, Inflation

20. Environmental Science – Amita Ganguly – Publisher: Maira

There will be one paper of two hours duration carrying 80 marks and internal assessment of 20 marks.

1. (a) Controlling Pollution
(b) From domestic combustion
(c) From industries
(d) From vehicles

2. Addressing Population
(a) The link between growing population and environmental degradation
(b) Demographic transition
(c) Strategies for controlling growth of population
(d) Development framework for poverty alleviation

3. Managing the urban environment
(a) Urbanisation
(b) Planning environmental improvement
(c) Rural development
(d) Development of secondary cities to counter migration
(e) Community participation and contribution of private enterprises

4. Managing soil and land
(a) Conserving soil
(b) Land reforms
(c) Integrated rural development
(d) Role of women and community in conservation
(e) Combating deforestation
(f) Managing forest grazing
(g) Alternative to timber

5. Food
(a) Sustainable agriculture
(b) Problem of global food security, Food aid

6. Environment and development
(a) Global environmental pollution
(b) Economic development and environmental degradation
(c) International trade
(d) Role of multinational corporations

7. Towards a sustainable future
(a) Global interdependence – economic and environmental
(b) International cooperation
(c) Sustainable development
(d) Role of non-governmental organizations (NGO)
(e) Technology that sustains-future + Entire syllabus

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2. Hindi Literature (Book- ICSE Sahitya Sagar, Peom work book(I.U.P.), Ekanki Sanchay Pub. Evergreen, Ekanki Sanchay Work Book(I.U.P.))

Sahitya Sagar Poem Book- मातृ मंदिर की ओर

Ekanki Sanchay- दीपदान

Note- Complete course of Class IX & X will be included.

3. English Language– Book: Total English (Morning Star), Final Term Unit 1 - 15

4. English Literature- Finals: Play: The entire play, Prose: The entire book (All the chapters including 'All Summer in a Day), Poetry: All the poems including 'Nine Gold Medals'

5. Geography (ICSE Geography – Part II - Goyal Brothers)

1. Manufacturing Industries in India- Agro & Mineral based Industry
2. Transport
3. Waste Generation and Management- Sources of waste, Impact of waste Accumulation, Need for Management of waste, waste generation and Management, Need for Reducing, Reusing and Recycling of waste

Map of India and Topographical sheets should be practiced according to the ICSE syllabus for both the terms. The whole syllabus of the Topographical sheet will be completed before the Half yearly Exam.

6. History/Civics- Book-Modern Indian History Contemporary World and Civics Pub. Avichal

History- Ch. 1– The Cripps Mission and Quit India Movement

Ch. 2– Subhas Chandra Bose, Forward Block and the Indian National Army

Ch.3– Independence and the Partition of India

Contemporary World-

Ch. 4- The Second World War (1939-45)

Ch. 5- United Nations Organization

Ch. 6- Major Agencies of the United Nations

Ch. 7- Universe Declaration of Human Rights

Ch. 8- The Non Aligned Movement

Ch. 9- Rise in Dictatorship

Civics–Ch.1– The Union Judiciary: The Supreme Court

Ch. 2– The State Judiciary : The High Court

Ch. 3– Subordinate Courts

7. Physics- Electric power and house hold circuits, Electro magnetism, Calorimetry, Modern Physics

8. Chemistry- Electrolysis, Metals & Metallurgy, Nitric Acid, Sulphuric acid

9. Biology- Pollution, Physical Health & Hygiene, Population, Human Evolution

10. Commerce- (Book- Commercial Studies Pub.- S. Chand)

10. Sources of Finance, 11. Recruitment, Selection and Training, 12. Industrial Relations, Trade Unions and Social Security, 13. Logistics and Insurance, 14. Banking, 15. Striving for a Better Environment

11. Maths- Section Formulae, Equation of Straight Line, Similarity, Circles, Mensuration

12. Economics Applications- Alternative Market Structures, Money and Banking, The State and Economic Development

13. Music- Vocal- Raag- Bhairav, Desh, Bagehwari, Malkaus Bhopali 2. Taal- Teentaal, Tilwara, Dhammar, Dadra, Deepehandi 3. Singing of Three alankars in teental, Jhaptal and Dadra, Life History of Tansen

Tabla (Theory & Practical)- 1. Elementary Knowledge and Explanation of the following: 1. Laya and Layarki, 2. Tigon and Layakri, 3. Paran, Rela, Uthan, with examples, 4. Kayada and Palta

2. Writing in taal notation dugun, Tigon & Chagun of all taals learnt in class IX writing their development as well taal Notation of different tals, 3. Roopak, Sooltal, Teevera, Deepchandi (Class X), 4. Teentaal, Jhaptal, Chartaal, (Class X) writing their developments.

14. Physical Education- Section-A 1. Sports Training, 2. Safety in Sports, 3. Health Education, Careers in Physical Education Section-B 1. Cricket, 2. Football 3. Hockey
Note: A specialist teacher can include a question of his choice of game with the given syllabus of the sports section.

15. Art- Nature (II Paper)- Dahlia, Aster, Lily, Money Plant, Petunia, Nasturtium, Bougainvillea, Carnation, Canna, Pink Kaner

Still Life (I Paper)- 1. Surahi, Glass, Mug, Tray 2. Basket, Capsicum, Tomato, Brinjal, Onion, Gourd 3. School Bag, Book, Water Bottle, 2 Apples 4. Bucket, Pot, Broom, Hanging Towel, 5. Kettle, Cup Plate, Spoon, Knife, Egg 6. Pineapple, Apple, Grapes, Banana, Orange 7. Papaya, Jam Bottle, Plate, Lemon 8. Book, Glass, Pomegranate, Grapes, Coconut 9. Shoebox, Polish, Brush

16. Fashion Designing- Sequence of assembling garments, Method of pressing, Parts of dresses (Pocket, Button, Buttonhole, Zippers), All previous chapter including class 9 chapter

17. Computer- Arrays, Looping Structures, General Programming and decision Making, Introduction to JAVA, Revision of 1st Term, Revision of 2nd Term

18. Home Science-

L17 – Consumer Education, L18 – Wise Buying, L19 – Consumer Rights, L20 – Food Adulteration, L21 – Stain Removal
Semester II Unit Test complete course

19. Elementary Economics- Money, Commercial Banks, Central Bank, Public Revenue, Public Expenditure, Public Debt, Consumer Awareness

20. Environmental Science – Amita Ganguly – Publisher: Maira

8. Biodiversity

- (a) Biodiversity at risk due to human actions
- (b) Conserving our genetic resource: In-Situ and ex-situ: harvesting wild life
- (c) Conservation strategies at national and international levels

9. Energy

- (a) Fossil fuels used to produce electricity
- (b) Nuclear energy
- (c) A sustainable energy future

10. Waste

- (a) Solid Waste: The throwing society
- (b) Solid Waste: Option for the future + entire Syllabus

80 Mark Paper

20 Mark Weightage of Unit Tests