

**DR. VIRENDRA SWARUP**  
**Shri Ragendra Swarup Group of Institutions**  
**Common Syllabus For All Branches**  
**CLASS-X TERM-I 2022-23**

**1. Hindi Language**

निबन्ध लेखन (प्रस्ताव), चित्र अध्ययन, कहानी लेखन (सूक्ति एवं लोकोक्ति), पत्र लेखन (औपचारिक/अनौपचारिक), अपठित गद्यांश, व्यवहारिक व्याकरण (लिंग, वचन, कारक, संज्ञा, विशेषण, पर्याय, विलोम, मुहावरे लोकोक्तियों के अर्थ एवं वाक्य, अनेक शब्दों के लिए एक शब्द, निर्देशानुसार परिवर्तन, अशुद्धि शोधन (शब्द/वाक्य)

**2. Hindi Literature**

साहित्य सागर – साखी, गिरधर की कुंडलियों, स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी, सूर के पद, विनय के पद, मेघ आए भिक्षुक, चलना हमारा काम है

एकांकी संचय – संस्कार और भावना, बहू की विदा, मातृभूमि का मान, सूखी जाली, महाभारत की एक सॉझ

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

**4. Literature in English**- Play: The Merchant of Venice Act-III Scene (II-V) Act IV,

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

Stories: The Little Match Girl, The Blue Bead, My Greatest Olympic Prize

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

**5. Geography (Total Geography – Volume 1, Morning Star)**

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| 1. Climate                            | 2. Soils Resources                  |
| 3. Natural Vegetation                 | 4. Water Resources                  |
| 5. Minerals Resources                 | 6. Conventional Sources of Energy   |
| 7. Non-Conventional Sources of Energy |                                     |
| 8. Agriculture – I,                   | 9. Agriculture – II (Food Crops)    |
| 10. Agriculture – III (Cash Crops 1)  | 11. Agriculture – IV (Cash Crops 2) |

**6. History/Civics-**

**History**- Ch1– The First War of Independence (1857), Ch2– Factors Leading to the Growth of Nationalism and Foundation of the Indian National Congress, Ch3– Objectives and Methods of Struggle of the Early Nationalists, Ch4– Second Phase of the Indian National Movement: Partition of Bengal and other Developments, Ch5– Factors Leading to the Formation of the Muslim League, Ch6– National Movement During the First World War Lucknow Pact and other Development, Ch7 – National Movement (1919 – 1934) Non-Cooperation Movement, Civil Disobedience Movement and other Forces at Work

**Civics**– Ch1– The Union Parliament, Ch2– The Union Executive: The President and the Vice President, Ch3– The Union Executive: The Prime Minister, The Union Cabinet and the Council of Ministers

**Contemporary World**- Ch11 – The First World War (1914 – 1918)

**7. Physics**- Ch1-Force, Ch2- Work Energy & Power, Ch3- Machines, Ch4- Refraction of Light at Plane Surfaces, Ch5- Refraction Through a Lens, Ch6- Spectrum, Ch7- Sound (till Part-B)

**8. Chemistry**- Periodic Table and Periodic Properties, Chemical Bonding, Acid, Bases and Salts, Analytical Chemistry, Mole Concept, Electrolysis

**9. Biology**- Cell Cycle and Cell Division, Human Chromosomes, Heredity and Genetics, Absorption by Roots, Transpiration, Photosynthesis, Chemical Coordination in Plants, Circulatory System

**10. Commerce**- 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

**11. Maths**- Goods and Services Tax, Banking, Shares and Dividends, Linear In-equations, Quadratic Equations in One Variable, Factorization, Ratio and Proportion, Matrices, Arithmetic and Geometric Progressions, Reflection, Trigonometric Identities, Height and Distances, Measure of Central Tendency, Probability

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

**13. Music- Vocal**- 1. Non detail terms- Sound, Meend, Kan (Sparsh Swar), Ghamak, Khatka, Tigon, Tappa Thumari, Poorvang – Uttarang, Poorva Raag – Utter Raag 2. Detailed topics – Naad, 3 qualities of Naad (Volume, Pitch, Timbre) Shruti and placement of 12 Swars. Dhrupad, Dhammar, Relationship between Vadi swar and time of singing Raag, 3. Raags- Bhairav, Desh, Bhoopali, Introduction and notation (Drut khayal) with alap taan swar vistar, 4. Taal- Rupak, Jhap taal, Deepchandi, Introduction with Thah Dugun Chaugun, Knowledge of musical notation system of Pt. V. N. Bhatkhande, 5. Life history Aamir khusroo  
**Tabla**- 1a.Non detail terms- Name of 10 Pranas, AAdi Laya (only in Dadra and Kaharwa) Lehra (Nagma) paran, Uthan Chakkardar, Tukda, Dumdar and Bedum Tihai Gat pahant, b. Detail topic organ and development of Tabla, Basic 10 Varnas (Syllabus) of table Taal, Jaati system solo and sangat, 2. Brief description of four eminent percussionist (present of recent past) 3. Writing in Taal Notation Thekas, In Thah Dugun Tigon and chaugun of all Taals learnt in Teentaal, Rupak, sooltaal Teevrataal Tilwadataal

**14. Physical Education**- Section-A: Ch1- Human Growth and Development, Ch2- Physical Education, Ch3- Body Types, Ch4- Physical Fitness Section-B Cricket, Football

Note: Specialize teacher can include a question of his choice of game with the given syllabus of sports section

**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**- Revision of Class IX Syllabus, Arrays, String Handling, User Defined Functions, Constructors

### 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-** The Productive Mechanism, Land, Labour, Capital, Enterprise, The Theory of Demand, The Theory of Supply

### 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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**1. Hindi Language-** निबन्ध लेखन (प्रस्ताव), चित्र अध्ययन, कहानी लेखन (सूक्ति एवं लोकोक्ति), पत्र लेखन (औपचारिक/अनौपचारिक), अपठित गद्यांश, व्यवहारिक व्याकरण (लिंग, वचन, कारक, संज्ञा, विशेषण, पर्याय, विलोम, मुहावरे लोकोक्तियों के अर्थ एवं वाक्य, अनेक शब्दों के लिए एक शब्द, निर्देशानुसार परिवर्तन, अशुद्धि शोधन (शब्द/वाक्य )

**2. Hindi Literature-**

साहित्य सागर – मातृमन्दिर की ओर + Term 1 Full Syllabus

एकांकी संचय – दीपदान + Term 1 Full Syllabus

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

**4. Literature in English-** 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'

**Note-** Complete course of Class IX will be included

**5. Geography (Total Geography – Volume 1, Morning Star)**

1. Manufacturing Industries- (i) Agro Based Industry (ii) Mineral Based Industry
2. Transport- (i) Roadways (ii) Railways (iii) Airways (iv) Waterways
3. Waste Management-I Impact of Waste Accumulation
4. Waste Management-II Safe Disposal of Waste

Topographical Sheet } Based on ICSE Syllabus  
Map Work-India }

**6. History/Civics-**

**History-** Ch8 – The Cripps Mission and the Quit India Movement, Ch9 – Subhas Chandra Bose, Forward Bloc and the Indian National Army (INA), Ch10 – Independence and the Partition of India

**Civics-** Ch4– The Union Judiciary: The Supreme Court, Ch5– The State Judiciary: The High Court, Ch6– The Subordinate Courts

**Contemporary World-** Ch12 – Rise of Dictatorship: Fascism in Italy and Nazism in Germany, Ch13 – The Second World War (1939 – 1945), Ch14 – United Nations Organisation (Origin, Objectives and the Principal Organ), Ch15 – Major Agencies of the United Nations, Ch16 – The Non-Aligned Movement

**7. Physics-** Ch1-Force, Ch2- Work Energy & Power, Ch3- Machines, Ch4- Refraction of Light at Plane Surfaces, Ch5- Refraction Through a Lens, Ch6- Spectrum, Ch7- Sound, Ch8- Current Electricity, Ch9- Household Circuits, Ch10- Electro-magnetism, Ch11- Calorimetry, Ch12- Radioactivity

**8. Chemistry-** Metallurgy, Study of Compounds, Organic Chemistry, Practical Chemistry

**9. Biology-** Excretion, Nervous System, Sense Organs, Endocrine System, Reproductive System, Population, Human Evolution, Pollution

**10. Commerce-** 8. Fundamental Concepts of Cost, 9. Budgeting, 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, Locus, Circles, Constructions, Mensuration

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

**13. Music- Vocal**- 1. Taal- Tilwada, Dhamal, Thah, Dugun, Chaugun, 2. Introduction and notation, Maalkosh and Bhageshwari, Aaro Avro, Pakad, Taan, 3. Identify notes, 4. Life history of Pt. V.D. Palushkar, 5. Raza Khanigar and Mascet Khanigar, 6. Zamzama, Khatka, Baj, Jhala, Tigon (Short notes), Tanpura simple sketch and parts with how to tune tanpura

Practical- 1. Singing and playing five alankars, Singing and playing chota khayal of raag bhairav, maalkosh, desh raag, bhopali, bageshwari with aaro avro pakad 2. Identify notes, 3. Singing of tarana (notation is not required)

**Tabla** - 4. Brief description of two Eminent percussionist (present a recent past), 5. Names of the different parts (component) of the Tabla with the help of a simple sketch, Tuning of the instrument 6. Identify of Taals (a few bol combinations given)- Teentaal, Rupak, sooltaal, Teevraataal and Tilwadataal

**Tabla Practical** – 1. Technique of producing bols on table like Tirkit kran etc., 2. Development of following Taals: Teentaal-1 Uhan, 2 new kaydas and its 4 paltas with tihai, 3. Rela 1 chakardaar tukda 1 Damdar and Bedum Tihai, Rupak -1 Tihai Sooltaal-1 Tihai, Teevra Taal – Paran, Deepchandi Taal Tilwada Taal (only Theka), 4. Padhant (Reciting)- Thekas of all Taals of class-X with development mentioned in para (2) giving Tali, khali etc by hand in Dugun and chaugun, 5. Ability to accompany with vocalist and instrumentalist with development

**14. Physical Education-** Section-A Ch5- Sports Training, Ch6- Safety in Sports, Ch7- Health Education, Ch8- Careers in Physical Education  
Section-B Cricket, Football, Hockey & Basketball

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-** Revision of Cass IX Syllabus, Arrays, String Handling, User Defined Functions, Constructors, Library Classes, Encapsulation, Arrays, String Handling

**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-** Alternative Markets Structures, Inflation, Public Finance, Money and Banking, 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