

DR. VIRENDRA SWARUP
Shri Ragendra Swarup Group of Institutions
Common Syllabus For All Branches
CLASS-XI TERM-I 2023-24

1. Hindi Language

निबन्ध (रचनात्मक लेखन), अपठित गद्यांश, व्याकरणिक व्याकरण— मुहावरे एवं लोकोक्तियों से वाक्य बनाओ, अशुद्ध वाक्यों को शुद्ध कीजिए

2. Hindi Literature

गद्य संकलन (कहानी) पुरु प्रेम, गौरी, भारणागत, क्या निराश हुआ जाए ?
काव्य मंजरी (कविता) बाल लीला, एक फूल की चाह, तुलसी के पद, नदी के द्वीप
सारा आकाश (उपन्यास) भाग एक से 1-6 तक (पूर्वार्ध)

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

Comprehension Passage, Composition Writing, Directed Writing (Speech Writing, Article Writing, Book Review), Proposal Writing, Functional Grammar

4. Literature in English- Play: Macbeth Act I,

Prism (ISC Short Stories): A Living God, Advice to Youth, The Paper Menagerie
Rhapsody (ISC Poems): Abhisara- The Tryst, Why I like the Hospital, Sonnet 116

5. Physics- Dimensional analysis, Vectors, Motion in two dimensions, Force: Newton's laws of motion, Work, Power and Energy, Friction, Uniform circular motion, Centre of Mass, Rotation, Gravitation

6. Chemistry- Basic Concepts of Chemistry, Structure of Atom, Classification of Elements & Periodic Properties, Chemical Bonding, Redox Reactions, Hydrogen, s-Block Elements, Basic Concepts of Organic Chemistry

7. Biology- The Living World, Biological Classification, Plant Kingdom, Animal Kingdom, Morphology of Flowering Plants, Anatomy of Flowering Plants, Structural Organization in Animals

8. Accounts- Accounting for G.S.T, Meaning and Objectives, GAAP, Basic Accounting terms, IFRS (AS), Bases of Accounting, Accounting Equation, Journal, Cash Book, Subsidiary Book, Ledger, BRS, Trial Balance, Capital and Revenue Expenditure

9. Commerce- Classification of Human Activities- Economic and Non-Economic, Nature and Objectives of Business, Classification of Business Activities, Introduction to Business Organization, Sole Trader, Partnership, Joint Stock Co., Types of Companies, Formation of a Company, Social Responsibility of Business and Business ethics

10. Maths- (Section A) Trigonometry, Principal of Mathematical Induction, Complex Number, Quadratic Equations, Linear Inequations, Permutations and Combinations, Binomial Theorem, Limits and Derivatives, Statistics

11. Business Studies- Business Environment, Entrepreneurship, Business Risks and Causes of Failure, Manager and Managerial Roles, Authority, Responsibility and Accountability

12. Economics- Ch1- Definitions of Economics, Ch2- Basic Concepts of Economics, Ch3- Basic Problems of an Economy, Ch4- Types of Economics, Ch5- Solution to Basic Problems Under the Different Economic Systems, Ch7- Parameters (Indicators) of Development, Ch16- Definition, Scope, Importance and Limitations of Statistics, Ch17- Collection, Organisation & Presentation of Data, Ch18- Measures of Central Value, Ch21- Index Numbers

13. Music- Vocal- 1. Introduction to musical terms- Dhvani, Shruti, Saptak, Swar, Thaata, Jati, Varna, Raag, 2. Raag- Yaman, Bhoopali, Desh with aalap taal introduction and notations, 3. Teen taal, Jhap taal, dugun, chaugun, 4. Life history and achievement Pt. V. N. Bhatkhande

Tabla- 1. Eminent musicians of Hindustani music. The followings musicians to be studied Vishnu Narayan Bhatkhande, Vishnu Digambar Paluskar (life sketch work and achievements) of the above, 2. Terms related of Tabla- Theka, Avartan, Kism, Tukda, Paran-peshkara (meaning and examples of the above), 3. Taal and Taal-lipi: Teentaal, Ektaal, Chartaal, Rupak. Complete notation of the above Talas with their. Thekas, Tal, Khali, Vibhag in That Dugun and Chaugun lays and their characteristics

14. Physical Education- Section-A: Ch1-Concept of Physical Education, Ch2- Individual aspects and Group Dynamics, Ch3- Effects of Physical Exercise on Human Body Systems, Section-B: Cricket, Football, Hockey, Basketball

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

15. Art- Nature (II Paper)- Sadabahar, Zinnia, Pansy, Hibiscus, Coconut, Papaya, Sunflower, Kaner (Pink, Yellow) and Money Plant

Still Life (I Paper)- 1. One big inkpot, Small inkpot, Thick book on a Box 2. Orange Juice bottle, Steel jug, Glass & spoon, 3. Full and Half watermelon on a plate on drawing board 5. Jar, pickle on a board 6. A glass with juice, an apple on a book 7. Bag, Glass, Orange & a tiffin box 8. 2 Brinjals & 2 Capsicums & Tomato 9. An apple, one glass of juice and Roohafzah bottle

16. Fashion Designing- 1A. Introduction of Fashion, B. Classification of Fashion, C. Fashion Cycle, D. Fashion and Current Trends, E. Careers in Fashion, F. Fashion Terminology, 2A. Types of Design, B. Elements and Principles of Design, 3. Basic Illustration- A. Learn to Draw mechanical Croque, B. Clothing the Croque- 2 western and 2 Indian outfits, C. The 8 head and 10 head proportions

Practical- Learning in details about 5 Indian and 5 international designers, along with their styles of clothing. (including Project Work)

17. Computer- Number System, Propositional Logic, K-Map, Java Programming Classes, Objects, Constructor, Basic Gates, Universal Gates, Exclusive Set of Gates), Programming based on classes & objects

18. Psychology- The Subject of Psychology, Methods in Psychology, Attention & Perception

19. Political Science- Section-A Ch1- Introduction to Political Science, Ch2- Fundamental Concepts, Ch3- The Origin of the State (i) Divine Origin Theory (ii) Social Contract Theory (Hobbes, Locke & Rousseau) (iii) Evolutionary Theory, Ch4- Political Ideologies (Liberalism, Socialism, Communism & Fascism), Ch5- Sovereignty

Section-B Ch1- International Relations: An Introduction, Ch2- End of Cold War: Impact on World Order, Ch3- Disintegration of the Soviet Union

20. Home Science- 1. Concept and Scope of Home-Science, 2. Food and Nutrition, 3. Resource Management

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निबन्ध (रचनात्मक लेखन), अपठित गद्यांश, मुहावरे एवं लोकोक्तियाँ, अशुद्धि शोधन (वाक्य शुद्ध कीजिए)

2. Hindi Literature

गद्य संकलन (कहानी) सती, आउट साइडर, दासी
काव्य मंजरी (कविता) आ: धरती कितना देती है, साखी, जाग तुझको दूर जाना है
सारा आकाश (उपन्यास) पूर्वार्ध भाग 7 – 10

Note- Complete course of Term I will be included.

3. English Language– Total English (Morning Star): Unit 9 – 15

Composition Writing, Directed Writing (Newspaper Report, Statement of Purpose),
Proposal Writing, Comprehension Passage, Functional Grammar
(The entire syllabus of First and Second Term to be covered in Annual Examination)

4. Literature in English- Play: Macbeth Act II,

Prism (ISC Short Stories): The Great Automatic Grammatizator, Thank You, Ma'am
Rhapsody (ISC Poems): Death of a Naturalist, Strange Meeting
(The entire syllabus of First and Second Term to be covered in Annual Exam)

5. Physics- Dimensional analysis, Vectors, Motion in two dimensions, Force:
Newton's laws of motion, Work, Power and Energy, Friction, Uniform circular
motion, Centre of Mass, Rotation, Gravitation, Elasticity, Motion in Fluids: Viscosity,
Surface Tension, Kinetic theory of gases, Internal energy: First law of
thermodynamics, Isothermal and adiabatic processes, Heat transfer, S.H.M, Wave,
Superposition of waves II- Standing wave

6. Chemistry- States of Matter, Equilibrium, Thermo Dynamics, Hydrocarbons,
Environmental Chemistry, P-Block Elements

7. Biology- Cell, Biomolecules, Cell Cycle and Cell Division, Transport in Plants,
Mineral Nutrition, Photosynthesis, Respiration in Plants, Plant Growth and
Development, Digestion and Absorption, Breathing and Exchange of Gases, Body
Fluids and Circulation, Excretory Products and their Elimination, Locomotion and
Movement, Neural Control and Coordination, Chemical Coordination and Integration

8. Accounts- Rectification of Error, Depreciation, Provision and Reserve, Final
Accounts, Final Accounts with Adjustments, Accounts of Not for Profit Organization,

Bills of Exchange, Accounts from Incomplete Records, Introduction to the use of
Computers in Accounting, Computerized Accounting System, Project Work

9. Commerce- Including First Term + Wholesale Trade, Retail Trade, Stock
Exchange, Public Enterprise, Public Utilities & Public Private Partnership, Procedure
and Documents used in Home Trade, Nature and Scope of Foreign Trade, Export
Trade, Import Trade, WTO, Business Risks and Insurance, Types of Insurance, Public
Enterprises, Public Utilities and Public Private Partnership, Cooperative
Organizations, E-business and Outsourcing

10. Maths- Sets, Relation and Function, Sequences and Series, Straight Lines,
Circles, Probability (Section B) Conic Sections, Introduction to Three Dimensional
Geometry, Mathematical Reasoning (Section C) Statistics, Correlation Analysis,
Index Number and Moving Averages

11. Business Studies- Change Management, Automation at Workplaces, Productivity
Enhancement Tools and Facilities

12. Economics- Ch6- Economic Growth and Development, Ch8- Sustainable
Development, Ch9- Planning & Economic Development in India, Ch10- Indian
Economy Post Liberalisation, Ch11- Structural Changes in the Indian Economy after
Liberalisation, Ch12- The Problem of Poverty in India, Ch13- Profile of Indian
Agriculture/Rural Development, Ch14- Human Capital Formation in India, Ch15-
Unemployment in India- Problems and Policies, Ch19- Measures of Dispersion,
Ch20- Correlation, Ch22- Some Mathematical Tools

13. Music- Vocal- 1. Raag Bhairav and Khamaj full introduction and notation with
alap taan, 2. Alankars, 3. Taal- Dadra Taal, Kahrawa taal, Thah, Dugun, Chaugun, 4.
Forms of composition- Khayal (vilambit and dhruv khayal), 5. Life history V. D.
Palishkar, 6. Type of string instruments- Tat vadya, Vitat vadya, Ghan vadya,
awandhya vadya, 7. Zamzama, Khatka, Theka, Kampan
Practical- Razakhani gat, Dhruv ghat with five todas, Yaman, bhoopali, khamaj,
bhairav, desh, 8. Singing and playing five alankars, 9. Practice in hands- teen taal,
kaharwa taal, jhap taal, thah, dugun, chaugun, 10. Singing of a devotional or folk song
Tabla - 4. Five pranas of Taal- Kaal, Marg, Kriya, And, Kali (Definition with
examples), Syllabus of Tabla- Technique of producing syllabus of Tabla (Dahina and
Bayan) individually and jointly, 6. Topics of general interest related to Music. Essay
type question of about 200 words will be asked on the above
Tabla Practical- 1. Playing the following Talas on in Thah, Dugun and chaugun
Layakari: Teentaal, Ektaal, Chartaal, Rupa Tivra, 2. Keeping the wazan of the Taal
intact demonstration of the following: One peshkara, one uthan, kayda with four
paltas and Tihai in Teentaal, one Tihai in Teentaal, one paran in chartaal, one Tukda
in Ektaal, one kism each in Rupak and Tivra, Identification and production of
syllables on Tabla, Accompaniment of Tabla (only Thekas) with music played or
sung, Knowledge of Lehra

14. Physical Education- Section-A: Ch4- Nutrition, Weight Control and Exercise,
Ch5- Physical Fitness and Wellness, Ch6- Games and sports- A global perspective,
Section-B: Cricket, Football, Hockey, Basketball

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

15. Art- Nature (II Paper)- Marigold, Dahlia, Aster, Lily, Money plant, Poppy, Tube Rose, Petunia, Nasturtium, Bougainvillea, Carnation, Chrysanthemums
Still Life (I Paper)- 1. Gum, Bottle, Detergent soap, Neel box 2. Apple on a book and Pepsi bottle 3. Bucket, Mug, Gum bottle, Soap case 4. Knife, Cup, Kettle, Spoon 5. Lamp, Glass, Open book and a pen 6. Teapot, Knife, Cup, Plate 7. Flask, Lady's purse, Tiffin box 8. Pumpkin, Brinjal, Onion, Bottle gourd Lemon 9. Bucket, Kadhai, Big spoon, Steel glass

16. Fashion Designing- Different figure types, Buying Fabric, Care of Clothes, Basic Illustration, Clothing the Croque, Some common stains and their removal, Storage and maintenance of clothes, History of Fashion, Revision of all previous topics
Practical- Cutting and finishing techniques- Seams, Tucks, Pleats, Gathers, Neckline facing, Fasteners, Plackets, Hemfinishes

17. Computer- Java Programming, Boolean Algebra, Computer Hardware, Recursion, Combinational Circuits (Adder, Encoder, Decoder, Multiplexer)

18. Psychology- Emotions & Motivation, Learning, Remembering & Forgetting, Thinking, Problem, Solving and Creativity

19. Political Science- Section-A

Ch6- Law, Ch7- Liberty, Ch8- Equality, Ch9- Justice

Section-B

Ch4- Unipolar World: US Unilateralism,

Ch5- Regional Cooperation: ASEAN & EUROPEON UNION

Ch6- Non-Alignment and the Non-Aligned Movement

18. Home Science- 4. Human Development (0-12 Years), 5. Textile and Clothing, 6. Communication and Extension
Notes + Saraswati Home – Science Book Class XI