

Class 10 Syllabus

Hindi

संज्ञा, सर्वनाम, विशेषण और क्रिया, काल, लिंग, वचन और कारक, वाच्य, पदबंध और पद-परिचय, संधि और समास, उपसर्ग और प्रत्यय, पर्यायवाची, विलोम, अनेकार्थक एवं श्रुतिसमभिन्नार्थक शब्द, मुहावरे और लोकोक्तियाँ, अलंकार, विराम-चिह्न और अशुद्ध वाक्य संशोधन, वाक्य-भेद और वाक्य-रचना, तार्किक क्षमता और व्याकरणिक समझ, निबंध/पिबंध, अपठित गद्यांश और अपठित पद्यांश

English

Parts of Speech, Articles, Determiners, Tenses, Modals, Auxiliary Verbs, Conditionals, Voice, Reported Speech, Question Forms, Concord, Clauses, Transformation of Sentences, Sentence Improvement, Gerund, Infinitive, Participle, Synonyms, Antonyms, Homonyms, One Word Substitution, Idioms, Proverbs, Collocations, Phrasal Verbs, Jumbled Words, Jumbled Sentences, Sequence of Sentences, Reading Comprehension, Cloze Test, Error Finding, Paragraph, Story, Letter, Notice, Essay Writing, Vocabulary related to Social, Travel, Workplace, Weather, Global Issues, Logical Reasoning, HOTS Based Questions

Mathematics

Real Numbers, Rational and Irrational Numbers, Polynomials and Factorisation, Pair of Linear Equations in Two Variables, Quadratic Equations and Arithmetic Progressions, Geometry – Triangles, Circles, Coordinate Geometry, Similar Figures and Similarity of Triangles, Introduction & Applications of Trigonometry, Mensuration – Surface Areas and Volumes, Areas Related to Circles, Statistics – Mean, Mode, Median; Probability, Tangent to a Circle, Distance and Section Formula, Height & Distance, Algebraic Expressions, Comparing Quantities, Probability of Events, Reasoning and HOTS Based Questions

Science

Chemical Reactions and Equations, Acids, Bases, Salts, Metals, Non-Metals, Carbon and Its Compounds, Life Processes, Control and Coordination, Reproduction in Organisms, Heredity and Evolution, Light – Reflection, Refraction, Human Eye, Colourful World, Electricity and Magnetic Effects of Current, Electromagnetism, Force, Work, Power, Energy, Heat and Temperature, Heat Transfer, Our Environment and Its Management, Natural Resources, Matter, Chemical Bonding, Mole Concept, Periodic Table, Biological Diversity, Cell Biology, Transport in Plants & Animals, Reasoning and HOTS Based Questions

General Knowledge

Indian Freedom Struggle, Indian Constitution, Polity, Democracy, Governance, Geography – Physical Features, Climate, Environment, History – India & World, Important Years, Slogans, Science and Technology, Current Affairs, Economy – Basics, Money & Credit, Globalization, Life Skills – Critical Thinking, Decision Making, Coping with Stress, Books, Authors, Awards and Honours, Countries, Capitals & Currencies, National Parks and Environmental Awareness, Media, Language and Literature, Logical Reasoning and Quantitative Aptitude

Social Studies

British Rule in India, National Movement, Era of Gandhi, Great Revolt of 1857, Partition of Bengal, Muslim League, Post-Independence India, Political Development of 20th Century, Imperialism, World Wars I & II, Fascism, Nazism, UNO, European Union, Constitution of India, Democracy and Diversity, Gender, Religion, Caste, Legislature, Judiciary, Executive, Electoral Process, Sectors of Indian Economy, Industrialization, Minerals and Energy, Agriculture, Forest, Wildlife, Water Conservation, Waste Management, Globalization, Trade, Money and Credit, Geography – Earth, Atmosphere, Hydrosphere, Lithosphere, Regions, Climate, Evolution of Print Culture and Post-War Economic Development, Human Rights, Consumer Rights, Challenges to Democracy

Computer Science

Fundamentals of Computers – Hardware, Software, Input/Output Devices, Memory & Storage Devices, Basics of IT, Number System, Operating Systems and Windows 11, MS-Word – Advanced Features (Track Changes, References, Protection), MS-Excel – Formulas, Functions, Data Tools, Protecting Worksheets, MS-PowerPoint – Advanced Presentation Features, Networking, Internet, Web Services, Mobile Technologies, HTML & CSS – Basics, Forms, Tables, Multimedia, Links, Programming in Scratch and Visual Basic, Programming in Python 3.13 – Data Types, Control Structures, Functions, Lists, Arrays, Cyber Safety, Cyber Ethics, Software Licenses, Intellectual Property Rights, AI, Robotics, IT Gadgets, Latest Developments in IT, HOTS

Physical Health and Yoga

Concept of Yoga as a preventive and promotive health system, Yoga and mental health – overview, Scientific basis of Yogic practices, Advanced Asanas – benefits and precautions, Asanas for stress, anxiety and emotional stability, Asanas for back pain and postural correction, Detailed study of Pranayama and breath regulation, Role of Pranayama in nervous system balance, Meditation techniques for mental well-being, Mudras – application and therapeutic importance, Bandhas – concept and

physiological effects, Yoga for managing depression and low mood, Yoga for managing anxiety and panic symptoms, Yoga for improving sleep and relaxation, Emotional intelligence and self-management through Yoga, Stress management techniques for adolescents, Nutrition, hydration and recovery for physical health, Physical fitness assessment and lifestyle planning, Prevention of lifestyle diseases through physical activity and Yoga, Ethical and value-based living through Yogic principles (Yama and Niyama)