



ROYAL OAK INTERNATIONAL SCHOOL
SR. SEC. C.B.S.E. AFFILIATED (2023-24)
YEARLY EXAM SYLLABUS OF CLASS XI

ENGLISH

Unseen Passage, Note-making

Grammar	:	Gap filling (Tenses, Clauses), re-ordering/transformation of sentences
Writing	:	Advertisement, Poster writing, Speech writing & Debate
Literature	:	Hornbill : 1. The Portrait of a Lady 2. "We're Not Afraid to Die... if We Can be Together" 3. Discovering Tut: the Saga Continues 4. The Adventure 5. Silk Road
Poem	:	1. A Photograph 2. The Laburnum Top 3. The Voice of the Rain 4. Childhood 5. Father to Son Snapshots: 1. The Summer of the Beautiful White Horse 2. The Address 3. Mother's Day (Play) 4. Birth 5. The Tale of Melon City

HINDI

आरोह-
पद्य खंड
पाठ - कबीर
पाठ - मीरा
पाठ- घर की याद
पाठ-चंपा काले काले अक्षर नहीं चीहन्ती
पाठ- गजल
पाठ -हे भूख !मत मचल,
हे मेरे जूही के फूल जैसे ईश्वर
पाठ -सबसे खतरनाक
पाठ -आओ मिलकर बचाएं
गद्य खंड-
पाठ-नमक का दरोगा
पाठ-मियां नसीरुद्दीन
पाठ -अप्पू के साथ ढाई साल
पाठ -विदाई संभाषण
पाठ -गलता लोहा
पाठ -रजनी
पाठ -जामुन का पेड़
पाठ -भारत माता

वितान-

पाठ -भारतीय गायिकों में बेजोड़: लता मंगेशकर

पाठ-रजत की बूंदें

पाठ -आलो अंधारि

व्याकरण-अपठित गद्यांश, काव्यांश, रचनात्मक लेखन, पत्र,

अभिव्यक्ति व माध्यम-

पाठ -जनसंचार माध्यम

पाठ -पत्रकारिता के विविध आयाम

पाठ -डायरी लेखन की कला

पाठ -कथा पटकथा

पाठ -कार्यालयी लेखन और प्रक्रिया

पाठ-शब्दकोश संदर्भ

MATH

Chapter 1: Sets

Chapter 2: Relations & Functions

Chapter 3: Trigonometric Functions

Chapter 5: complex number

Chapter 6: Linear Inequalities

Chapter 7: Permutations and Combinations

Chapter 8: Binomial Theorem

Chapter 9: Sequence and Series

Chapter 10: Straight Lines

Chapter 11: Conic Sections

Chapter 12: Introduction to Three-dimensional Geometry

Chapter 13: Limits and Derivatives

Chapter 15: Statistics

Chapter 16: Probability

PHYSICS

Chapter 1:Unit and dimension

Chapter 2: Motion in a straight line

Chapter 3: Motion in a plane

Chapter 4: Laws of Motion

Chapter 5: work , Energy and Power

Chapter 6: System of particles and Rotational Motion

Chapter 7: Gravitation

Chapter 8: Mechanical properties of solid

Chapter 9: Mechanical properties of Fluid

Chapter 10: Thermal properties of Matter

Chapter 11: Thermodynamics

Chapter 12:Kinetic theory of gas

Chapter 13: Oscillation

Chapter 14: waves

CHEMISTRY

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. Chemical Thermodynamics
6. Equilibrium
7. Redox reactions
8. Organic Chemistry: Some Basic Principles
9. Hydrocarbons

BIOLOGY

Chapter-1: The Living World
Chapter-2: Biological Classification
Chapter-3: Plant Kingdom
Chapter-4: Animal Kingdom
Chapter-5: Morphology of Flowering Plants
Chapter-6: Anatomy of flowering plants
Chapter-7: Structural Organisation in Animals
Chapter-8: Cell-The Unit of Life
Chapter-9: Biomolecules
Chapter-10: Cell Cycle and Cell Division
Chapter-13: Photosynthesis in Higher Plants
Chapter-14: Respiration in Plants
Chapter-15: Plant - Growth and Development
Chapter-17: Breathing and Exchange of Gases
Chapter-18: Body Fluids and Circulation
Chapter-19: Excretory products and their elimination
Chapter-20: Locomotion and Movement
Chapter-21: Neural Control and Coordination
Chapter-22: Chemical Coordination and Integration

COMPUTER SCIENCE

Ch-6 Flow of control
Ch-8 List manipulation
Ch-9 Dictionaries
Ch-11 Online Access and computer security
Ch-12 Society, law and ethics

INFORMATICS PRACTICES

Ch-5 Flow of control
Ch-6 List manipulation
Ch-10 Data base concepts
Ch-11 structured Query Language
Ch-12 Emerging Trends

FOOD AND NUTRITION

1. Health and nutrition
 2. modifications in diet
 3. diet in different age groups
 4. deficiency diseases
 5. nutrition communication
 6. cuisines around the world
- Employability skills

ACCOUNTS

1. Meaning, Objectives, Scope and Nature of Accounting
2. Basic Accounting Terms
3. Accounting Principles
4. Process and Bases of Accounting
5. Accounting Standards
6. Accounting Equations
7. Double Entry System
8. Origin of Transactions: Source Documents of Accountancy
9. Books of Original Entry - Journal
10. Accounting for Goods & Services Tax (GST)
11. Books of Original Entry Cash Book
12. Books of Original Entry - Special Purpose Subsidiary Books
13. Ledger
14. Trial Balance and Errors
15. Bank Reconciliation Statement
16. Depreciation
17. Provisions and Reserves
18. Rectification of Errors
19. Capital and Revenue
20. Financial Statements

BUSINESS STUDIES

1. Evolution and fundamental of Business
2. Forms of Business Organisation
3. Private, Public and Global Enterprises
4. Business Services.
5. Emerging Modes of Business
6. Social Responsibility of business and Business ethics
7. Source of business finance
8. small business and Enterprises
9. Internal Trade.
10. International Business

ECONOMICS

Microeconomics

1. Concept of cost
2. concept of revenue
3. producer's equilibrium
4. theory of supply
5. forms of market
6. market equilibrium

Statistics

1. Census and sampling
2. mode
3. correlation
4. index numbers

POLITICAL SCIENCE

Part A: Indian Constitution at Work.

- 1. Constitution** -Constitution: The Philosophy and Making of the Constitution, Fundamental Rights and Duties, Directive Principles of State Policy, Constitutional Amendments.
- 2. Election and Representation** – Elections and Democracy, Election System in India, Electoral Reforms.
- 3. Legislature** – Why do we need a Parliament? Unicameral/Bicameral Legislature, Functions and Power of the Parliament, Parliamentary Committees, Parliamentary Officials: Speaker, Deputy Speaker, Parliamentary Secretary.
- 4. Executive** – Parliamentary Executive in India: the President, the Prime Minister, and the Council of Ministers. Permanent Executive: Bureaucracy.
- 5. Judiciary** - Why do we need an Independent Judiciary? Structure and Jurisdiction of the Judiciary, Judicial Review, Judicial Activism, Judicial Overreach.
- 6. Federalism** - Meaning of Federalism, Evolution & Growth of Indian Federalism: Quasi Federalism, Cooperative Federalism, Competitive Federalism.

Part B: Political Theory

- 9. Liberty** - Liberty vs Freedom, Negative and Positive Liberty.
- 10. Equality** – What is Equality? Significance of Equality, Various Dimensions of Equality, How can we promote Equality?
- 11. Justice** - What is Justice? Different Dimensions of Justice, Distributive Justice.
- 14. Nationalism** - Nation and Nationalism, Variants of Nationalism, Nationalism & Multiculturalism.
- 15. Secularism** - What is Secularism? Western and Indian Perspectives of Secularism, Salient Features of Indian Secularism.

PROJECT BASED TOPICS:

- Local Governments
- Rights
- Political Theory
- Citizenship
- Development

SOCIOLOGY

Book A: Introducing Sociology

1. Sociology, Society and its relationship with other Social Science disciplines
2. Terms, concepts and their use in Sociology
3. Understanding social institutions
4. Culture and Socialization

Book - B: Understanding Sociology

1. Social Structure, Stratification and Social Processes in Society
4. Western Sociologist
5. Indian Sociologist

HISTORY

L- 2 Early Cities

L- 3 An empires across three continent

L- 5 Nomadic Empires

L -6 Three Orders

L- 7 Changing Cultural traditions

L- 10 displacing indigenous people

L-11 paths to Modernization

PHYSICAL EDUCATION

Unit I: Changing Trends & Career In Physical Education

Unit II: Olympism

Unit III: Yoga

Unit IV: Physical Education & Sports For Cwsn (Children With Special Needs- Divyang)

Unit V: Physical Fitness, Health and Wellness

Unit VI: Test, Measurement & Evaluation

Unit VII: Fundamentals of Anatomy, Physiology in Sports

Unit VIII: Fundamentals Of Kinesiology and Biomechanics in Sports

Unit IX: Psychology & Sports

Unit X: Training and Doping In Sports

- Sports Injuries
- Major Dhyanchandra khel Ratna Award Award