

CLASS 11 FINAL EXAMINATION SYLLABUS 2021-22

English Literature

- * The Tempest- Act 2 & 3
- * Prose - Quality, The Chinese Statue
- * Poetry - The Dolphins , The Gift of India

English language

- *Composition
- *Report writing
- *Proposal Writing
- *Comprehension
- "Grammar

Physics

1. Units
2. Dimensions
3. Motion in one dimension
4. Motion in a plane
5. Newtons laws of motion
6. Friction
7. Uniform circular motion
8. Work power energy
9. Center of mass
10. Rotation motion
11. Gravitation
12. Elasticity
13. Flow of liquids
14. Thermodynamics
15. Isothermal & Adiabatic process
16. 2nd law of thermodynamics
17. Kinetic theory of gases
18. Simple harmonic motion
19. Dopplers effect

Biotechnology

- 1-Introduction and Scope of Biotechnology
- 2-Cell Division
- 3-Errors in cell division
- 4-Genetics
- 5-Biochemical Transformation
- 6-Cancer Genetics
- 7-Genes in population
- 8-Biomolecules
- 9-Immunology.

Biology

- 1 Plant Kingdom
- 2 Animal kingdom
- 3 Morphology of flowering plant
- 4 Anatomy of flowering plant
- 5 Structural Organisation in animals (animal tissues)
- 6 Biomolecules
- 7 Photosynthesis in higher plants
- 8 Respiration in plants
- 9 Digestion and absorption
- 10 Breathing and exchange of gases
- 11 Body Fluids and circulation
- 12 Excretory products and their elimination
- 13 Locomotion and movement
- 14 Neural control and coordination
- 15 pChemical coordination and integration

Chemistry

1. Structure of Atom
2. Classification of Elements and Periodicity iproperties
3. Chemical bonding and Molecular Structure
- 4.States of Matter
5. Chemical Thermodynamics
6. Equilibrium
- 7.Redox Reactions
- 8.s - Block Elements-general trend in properties only
9. p- Block Elements-general trend in properties only
- ** Compounds..
 - * sodium carbonate
 - * Plaster of Paris
 - * Diborane
 - * Hydrogen Peroxide
- 10.Organic chemistry..
 - Some basic principles and technique
11. Hydrocarbons

Computer Science

1. Revision of class 10th programming
 - * Chapter 1 and 3
2. Data Representation
 - * Number systems
 - * Conversions
 - * Binary arithmetic
3. Chapter 14 (Arrays and library methods with flow of control)
 - * S.d.a and d.d.a
 - * Library methods
4. Chapter 12 (Function : Recursion)
5. Boolean Algebra (Propositional logic) And hardware
6. File Handling

Mathematics

- *Chapter 2*. Relation & Functions Ex 2.2 to Ex 2.4
- *Chapter 3* Trigonometry
- *Chapter 5* Complex Number Ex 5.1 & 5.3
- *Chapter 7* Linear Inequality Ex 7.4 & 7.5
- *Chapter 8* Permutations & Combinations
- *Chapter 9* Binomial Theorem
- *Chapter 10* G.P. onwards
- *Chapter 11* Straight Lines Ex 11.1 to 11.9
- *Chapter 12* Circles Ex 12.1 to 12.3
- *Chapter 13* Limits & Derivatives
- *Chapter 15* Probability
- *Chapter 14* Statistics
(Mean, median Mode Of grouped data)
- *Section B***
- *Chapter 1* Conic Sections
- *Chapter 2* 3D
- *Section C***
- *Chapter 2* Correlation Analysis
- *Chapter 3* Index Numbers & Moving Averages

Economics

Basic concepts of economics.
Basic problems of an economy.
Types of Economies
Parameters of development.
Planning and economic development.
Structural changes in Indian economy after liberalisation.
The problem of poverty in India.
Profile of indian agriculture
Human Capital formation in India.
unemployment in India.
Measures of central value.
correlation.

Index number.

Accounts

Accounting terms, Capital and Revenue income and expenditure, GAAP and Provisions and Reserves

Journal/Ledger

Cash Book Triple Column

Rectification of Errors

Bills of Exchange

Depreciation

Final Accounts with adjustments

Commerce

Classification of human activities

Nature and objectives of business

Introduction to business organisations

Sole trader

Partnership

Joint stock company

Formation of a company

Cooperative organisation

E business and outsourcing

Stock exchange

Wholesale trade

Retail trade

Procedure and documents used in home trade

Nature and scope of foreign trade

Export trade

Import trade

Business risk and insurance

Hindi

व्याकरण -

1- अपठित गद्यांश

2- निबन्ध

3- मुहावरे

4- वाक्य शुद्धि

काव्य मंजरी -

1- एक फूल की चाह

2- आ: धरती कितना देती है

3- नदी के द्वीप

4- जाग तुझको दूर जाना है

गद्य संकलन -

1- शरणागत

2- सती

3- आउट साइडर

4- क्या निराश हुआ जाय ?

सारा आकाश -(उपन्यास)

पूर्वार्द्ध : अध्याय 4 से

History

Unit : Growth of Nationalism

Unit : Emergence of the Colonial Economy

Unit : Protest Movements against Colonial Rule

Unit: Gandhian Nationalism (1916-22)

Unit : Gandhian Nationalism (1927-1934)

Unit : Impact of the second phase of industrialization in Europe during the late 19 th and early 20th centuries

Unit : World War 1

Unit : Peace Settlements after World War 1 and the establishment of the League of Nations

Unit: Rise of Nazism : Germany (1933-39)

Unit: Rise of Militarism: Japan (1919-37)

Political science

1. Political Ideologies

2. Sovereignty

3. Law

4. Liberty

5. Equality

6. Justice

7. Regional Cooperation

8. The Non-aligned Movement

Psychology

Chapter 1- What is Psychology

Chapter 2- Methods in Psychology

Chapter 3- Sensation, Attention and Perception

Chapter 4- Learning

Chapter 5- Remembering and forgetting

Chapter 6- Thinking

Chapter 7- Motivation and Emotions.

Geography

Unit -2 - Principles of Physical Geography

Unit -3 - Atmosphere (Only Winds and Atmospheric Moisture)

Unit -4 - The Realms of Water

Unit -5 - Biosphere

Unit -6- World Climatic Types

Unit- 7- Man Environmental Interaction

MAP- Plateaus, Water bodies, Ocean Currents, Island , Climatic Region

Physical Education

1 Individual Aspects And Group Dynamics

2 Effects Of Physical Exercise On Human Body Systems

3 Nutrition, Weight Control And Exercise

4 Physical Fitness And Wellness

5 Games And Sports- A Global Perspective.

Rules and regulations of Football, Hockey, Basketball, Badminton, Swimming, Cricket , Tennis and their Interpretations.

Legal Studies

Unit 2 - Law and Jurisprudence

Meaning of the term Law and Jurisprudence, Schools of thought- Natural, Historical, Positivist, Realist and Sociological Schools of law; Understanding Civil and Criminal Law in contrast; Different facets of the term Constitution; International Community of Nations, Sources of Law.

Unit 3 - Concept of Legal Personality

Natural Person and Artificial (Legal) Person; Capacity of holding Legal Rights and Duties; Legal Personality beyond Human Beings - Idol, State, Animals, Deceased Human Being, Unborn Child.

Unit 4 - Criminal Law and Procedure

Difference between Substantive and Procedural/Adjective Law; The most prevalent Criminal Justice Administration Systems in the World- Adversarial and Inquisitorial; Hierarchy of Criminal Courts; Indian Penal Code (IPC) - Definitions, kinds of offences; Offences against Women, Offence against Property in Indian Penal Code (IPC); Juvenile Justice Act - Definitions and a few provisions.

Unit 5 - Civil Law and Procedure

Codified and Uncodified Law, Law of Torts, Contract; Specific Relief Act; Consumer Protection Act; General Civil Procedure; Institution of a Civil Suit; Territorial, Pecuniary and Subject-matter jurisdictions; Injunctions; Summary Suits; Order and Decree passed in a Civil Suit, Judgement; Plaint and Written Statement; Hierarchy of Civil Courts.

Unit 6 - Family Law

Connotations of Marriage; Ceremonies of Marriage; Void and Voidable Marriage;

Restitution of Conjugal Rights and Judicial Separation; Meaning of Divorce; Maintenance in husband wife relationship; Adoption of a Child; Violence against Women.

Unit 7 - Fundamental Rights

Classification of Fundamental Rights, Fundamental Rights available against State and not against private individuals, Art 12-State, Art 13(2)-Judicial Review, Extended horizons of Art 21, Right to Constitutional Remedies, Restriction on the exercise of Fundamental Rights.