

XII SCIENCE 2023-24

PHYSICS	
1	Rotational Dynamics
2	Mechanical Properties of Fluids
3	Elasticity
4	Superposition of Waves
5	Oscillations
6	Wave Motion
7	Wave Optics
8	Interference and Diffraction
9	Thermodynamics
10	Kinetic Theory of Gases and Radiation
11	Dual Nature of Matter and Radiation
12	Structure of Atoms and Nuclei
13	Semiconductor Devices
14	Communication Systems
15	Electrostatics
16	Magnetic Fields due to Electric Current
17	Electromagnetic Induction
18	Current Electricity
19	Magnetic Materials
20	AC Circuits

CHEMISTRY	
1	Solid state
2	Solutions
3	Chemical Thermodynamics
4	Ionic Equilibria
5	Electrochemistry
6	Chemical Kinetics
7	Elements of Groups 16, 17 and 18
8	Transition and Inner Transition Elements
9	Coordination Compounds
10	Halogen Derivatives
11	Alcohols, Phenols and Ethers
12	Aldehydes, Ketones and Carboxylic Acids
13	Amines
14	Biomolecules
15	Introduction to Polymer Chemistry
16	Green Chemistry and Nanochemistry

BIOLOGY	
1	Inheritance and Variation
2	Molecular Basis of Inheritance
3	Origin and Evolution of Life
4	Plant Water Relation
5	Plant Growth and Mineral Nutrition
6	Respiration and Circulation
7	Reproduction in Lower and Higher Plants
8	Reproduction in Lower and Higher Animals
9	Biotechnology
10	Enhancement of Food Production
11	Human Health and Diseases
12	Ecosystems and Energy Flow
13	Biodiversity, Conservation and Environmental Issues
14	Organisms and Populations
15	Respiration and Circulation
16	Control and Co-ordination

MATHEMATICS	
1	Mathematical Logic
2	Matrices
3	Linear Programming
4	Probability Distributions
5	Binomial Distribution
6	Trigonometric Functions
7	Pair of Straight Lines
8	Vectors
9	Line and Plane
10	Differentiation
11	Applications of Derivatives
12	Indefinite Integration
13	Definite Integration
14	Application of Definite Integration
15	Differential Equations

INFORMATION TECHNOLOGY

1	Advanced Web Designing
2	Introduction to SEO (Search Engine Optimization)
3	Advanced Javascript
4	Title of the Chapter
5	Emerging Technologies (IOT, Cloud computing, AI,5G)
6	Server-Side Scripting (PHP)
7	E-Commerce and E-Governance
8	Skill Oriented Practicals (SOP)
9	Advanced Web Designing
10	Advanced Javascript
11	Server-Side Scripting (PHP)

YUVAKBHARTI

अनुक्रमणिका

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S.O.I. Note : The following foot notes are applicable : (1) © Government of India, Copyright : 2020. (2) The responsibility for the correctness of internal details rests with the publisher. (3) The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line. (4) The administrative headquarters of Chandigarh, Haryana and Punjab are at Chandigarh. (5) The interstate boundaries amongst Arunachal Pradesh, Assam and Meghalaya shown on this map are as interpreted from the "North-Eastern Areas (Reorganisation) Act, 1971," but have yet to be verified. (6) The external boundaries and coastlines of India agree with the Record/Master Copy certified by Survey of India. (7) The state boundaries between Uttarakhand & Uttar Pradesh, Bihar & Jharkhand and Chattisgarh & Madhya Pradesh have not been verified by the Governments concerned. (8) The spellings of names in this map, have been taken from various sources.

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Front Cover and Back Cover : Natural land cover had been shown in Std. XI textbook. We had studied Physical Geography last year. We are going to study Human Geography now in Std. XII. Considering this, the development of human land use on this natural land cover has been shown. Observation of the cover pages will help you while understanding the chapters in the book.

Credits : For land cover and land use maps - MAHARASHTRA REMOTE SENSING APPLICATION CENTRE (MRSAC) Nagpur.

PSYCHOLOGY

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