

## GRAND TEST SERIES 2021-2022 (R-Batch)

Test Timings : 8.00 AM - 11.20 AM

Discussion Timings : 11.35 AM - 3.00 PM

Test No.	Date	Subject	Syllabus of Test
1	03-06-2022	Physics Chemistry Botany Zoology	Units and Dimensions, Kinematics, Laws of Motion Some Basic concept of chemistry, Redox Reactions, Structure of Atom, Chemical Bonding and Molecular Structure, Classification of Elements and Periodicity in Properties Five Kingdoms of Life, Biological Classification, Monera, Virus Protista, Fungi Kingdom Animalia (Non-chordate and Chordate)
2	07-06-2022	Physics Chemistry Botany Zoology	Work, Power and Energy, Centre of Mass, Rotational Motion States of Matter, Thermodynamics, Hydrogen, The s-block Elements Plant Physiology: Plant-Water Relations, Nutrition, Photosynthesis, Respiration, Growth and Development in Flowering Plants Structural Organisation of Cell, Cell Division
3	11-06-2022	Physics Chemistry Botany Zoology	Heat and Thermodynamics, Gravitation Some Basic Principles of Organic Chemistry (Isomerism including Stereoisomerism, GOC, Reaction Mechanism), Purification and Characterization of Organic Compounds Morphology and Anatomy of Angiosperms Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination
4	15-06-2022	Physics Chemistry Botany Zoology	SHM, Wave Motion, Mechanics of Solids and Fluids Equilibrium, Solution, The p-Block Elements (XI & XII) Kingdom Plantae, Biotechnology Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration
5	20-06-2022	Physics Chemistry Botany Zoology	Electrostatics & Capacitance, Current Electricity, Thermal Effects of Current Chemical Kinetics, Surface Chemistry, Coordination Compounds and Organometallics Genetics-I: Elements of Heredity and Variation, Chromosomal Basis of Inheritance (Principles of Inheritance and Variation) Biomolecules and Protozoa
6	24-06-2022	Physics Chemistry Botany Zoology	Magnetic Effects of Current, Magnetism, Electromagnetic Induction, Alternating Current, E.M. Waves Electrochemistry, Solid State, Principles and Processes of Extraction of Elements, The d- and f-Block Elements Genetics-II - Gene Expression: Cloning, DNA - Fingerprinting, Genetic and Genomics Animal Tissues, Animal Morphology (Cockroach)
7	28-06-2022	Physics Chemistry Botany Zoology	Ray Optics, Optical Instruments, Wave Optics Hydrocarbons, Organic Compounds with Functional Groups containing Halogens (Haloalkanes and Haloarenes), Organic compounds with Functional Group Containing Oxygen-I (Alcohol, Phenols & Ethers) Applications of Botany (Microbes in Human Welfare, Strategies in Enhancement of Food Production), Reproduction in Flowering Plants Reproduction, Embryonic Development, Reproductive Health
8	02-07-2022	Physics Chemistry Botany Zoology	Dual Nature of Matter and Radiation, Atoms and Nuclei, Semiconductors and Electronic Devices Organic Compounds with Functional Group Containing Oxygen-III (Aldehydes, Ketones), Carboxylic Acids and their Derivatives, Organic Compounds with Functional Groups Containing Nitrogen; Polymers, Biomolecules; Chemistry in Everyday Life Ecology. Origin and Evolution of Life, Human Health and Diseases, Animal Husbandry
9	08-07-2022	PCBZ	<b>Complete Syllabus</b>
10	10-07-2022	PCBZ	<b>Complete Syllabus</b>
11	13-07-2022	PCBZ	<b>Complete Syllabus</b>
12	15-07-2022	PCBZ	<b>Complete Syllabus</b>

## GRAND TEST SERIES 2021-2022 (TT-Batch)

Test Timings : 8.00 AM - 11.20 AM

Discussion Timings : 11.35 AM - 3.00 PM

Test No.	Date	Subject	Syllabus of Test
1	07-06-2022	Physics Chemistry Botany Zoology	Units and Dimensions, Kinematics, Laws of Motion Some Basic concept of chemistry, Redox Reactions, Structure of Atom, Chemical Bonding and Molecular Structure, Classification of Elements and Periodicity in Properties Five Kingdoms of Life, Biological Classification, Monera, Virus Protista, Fungi Kingdom Animalia (Non-chordate and Chordate)
2	10-06-2022	Physics Chemistry Botany Zoology	Work, Power and Energy, Centre of Mass, Rotational Motion States of Matter, Thermodynamics, Hydrogen, The s-block Elements Plant Physiology: Plant-Water Relations, Nutrition, Photosynthesis, Respiration, Growth and Development in Flowering Plants Structural Organisation of Cell, Cell Division
3	14-06-2022	Physics Chemistry Botany Zoology	Heat and Thermodynamics, Gravitation Some Basic Principles of Organic Chemistry (Isomerism including Stereoisomerism, GOC, Reaction Mechanism), Purification and Characterization of Organic Compounds Morphology and Anatomy of Angiosperms Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination
4	18-06-2022	Physics Chemistry Botany Zoology	SHM, Wave Motion, Mechanics of Solids and Fluids Equilibrium, Solution, The p-Block Elements (XI & XII) Kingdom Plantae, Biotechnology Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and Integration
5	22-06-2022	Physics Chemistry Botany Zoology	Electrostatics & Capacitance, Current Electricity, Thermal Effects of Current Chemical Kinetics, Surface Chemistry, Coordination Compounds and Organometallics Genetics-I: Elements of Heredity and Variation, Chromosomal Basis of Inheritance (Principles of Inheritance and Variation) Biomolecules and Protozoa
6	26-06-2022	Physics Chemistry Botany Zoology	Magnetic Effects of Current, Magnetism, Electromagnetic Induction, Alternating Current, E.M. Waves Electrochemistry, Solid State, Principles and Processes of Extraction of Elements, The d- and f-Block Elements Genetics-II - Gene Expression: Cloning, DNA - Fingerprinting, Genetic and Genomics Animal Tissues, Animal Morphology (Cockroach)
7	30-06-2022	Physics Chemistry Botany Zoology	Ray Optics, Optical Instruments, Wave Optics Hydrocarbons, Organic Compounds with Functional Groups containing Halogens (Haloalkanes and Haloarenes), Organic compounds with Functional Group Containing Oxygen-I (Alcohol, Phenols & Ethers) Applications of Botany (Microbes in Human Welfare, Strategies in Enhancement of Food Production), Reproduction in Flowering Plants Reproduction, Embryonic Development, Reproductive Health
8	04-07-2022	Physics Chemistry Botany Zoology	Dual Nature of Matter and Radiation, Atoms and Nuclei, Semiconductors and Electronic Devices Organic Compounds with Functional Group Containing Oxygen-III (Aldehydes, Ketones), Carboxylic Acids and their Derivatives, Organic Compounds with Functional Groups Containing Nitrogen; Polymers, Biomolecules; Chemistry in Everyday Life Ecology. Origin and Evolution of Life, Human Health and Diseases, Animal Husbandry
9	06-07-2022	PCBZ	<b>Complete Syllabus</b>
10	10-07-2022	PCBZ	<b>Complete Syllabus</b>
11	13-07-2022	PCBZ	<b>Complete Syllabus</b>
12	15-07-2022	PCBZ	<b>Complete Syllabus</b>