

CSRL SELECTION PAPER SYLLABUS 2020-21

PHYSICS

11th	12th
Units & Measurements	Electric Charge and Fields
Motion in a Straight Line and Plane	Electrostatic Potential and Capacitor
Law of Motions	Current Electricity
Work, Power and Energy	Moving Charges and Magnetism
Thermal Properties of Matter	Magnetism and Matter
Thermodynamics	Electromagnetic Induction
Kinetic Theory	Alternating Current
Simple Harmonic Motion	

CHEMISTRY

11th	12th
Some Basic Concepts of Chemistry	Solid State
Structure of Atom	Solution
Chemical Bonding	Electrochemistry
Gaseous State	Chemical Kinetics
Basic Concepts of Organics Chemistry	The P-Block
Classification of Elements and Periodicity	D & F Block
	Haloalkanes and Haloalkenes
	Alcohol, Phenol and Ether

MATHEMATICS

11th	12th
Trigonometry	Relation and Functions
Complex Number	Matrices
Quadratic Equation	Determinant
Linear Inequalities	Continuity and Differentiability
Permutation and Combination	Application of Derivative
Limits and Derivatives	Integration
Statistics	Application of Integration
Sequence and Series	

BIOLOGY

11th BOTANY	12th BOTANY
Cell Cycle And Cell Division	Reproduction In Organism
Photosynthesis In Higher Plants	Principles Of Inheritance & Variations
Morphology of flowering Plants	Molecular Basis Of Inheritance
Anatomy of Flowering Plants	Biodiversity & Conservation
The Living World	
Biological Classification	
Plant Kingdom	
11th ZOOLOGY	12th ZOOLOGY
Animal Kingdom	Human Reproduction
Structural Organisation in Animals	Evolution
Digestion and Absorption	Human Health & Disease
Excretory Products and their Elimination	Biotechnology-Principle & Process
Neural Control and Coordination	Biotechnology & its Application
Chemical Coordination and Integration	