

for **Class 12 Studying Students**

## Despatch Schedule for **AIIMS 2018**

Dispatch Date	Content Enclosed	Details
Last Week of May, 2017	Aakash Explorer for AIIMS 2018	It contains more than 4500 questions

## Online Test Schedule for **AIIMS-2018**

Test No.	Date of Test	Subject	Topics of the Tests
1	30.07.2017 & 02.08.2017	Phy. Chem. Bio.	Electrostatics; Current Electricity Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry Reproduction in organisms, Sexual reproduction in flowering plants, Heredity and Variation, Reproduction in Organisms, Human Reproduction, Reproductive Health.
2	24.09.2017 & 27.09.2017	Phy. Chem. Bio.	Magnetic Effect of Current and Magnetism; Electromagnetic Induction and Alternating Currents; Electromagnetic Wave p-Block elements ( Group 15 to 18), General Principles and Processes of Isolation of elements, d & f Block elements, Coordination compounds Molecular basis of inheritance, Biology and Human Welfare: Improvement in food production; Plant breeding, tissue culture, single cell protein, Biofortification; Microbes in human welfare: In household food processing, industrial production, sewage treatment, energy generation and as biocontrol agents and biofertilizers, Evolution, Health and Disease-I: Pathogens; parasites causing human diseases (Malaria, Filariasis, Ascariasis. Typhoid, Pneumonia, common cold, amoebiasis, ring worm); Basic concepts of immunology-vaccines.
3	05.11.2017 & 08.11.2017	Phy. Chem. Bio.	Optics; Dual Nature of Matter and Radiation; Atoms and Nuclei; Electronic Devices Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and carboxylic Acids, Organic compounds containing nitrogen, Biomolecules, Polymers, Chemistry in Everyday life Ecology and Environment: Organisms and Environment, Ecosystem, Biodiversity and its conservation, Environmental issues, Health and Disease-II: Cancer, HIV and AIDS; Adolescence, drug and alcohol abuse, Apiculture and Animal Husbandry, Principles and process of Biotechnology: Genetic engineering (Recombinant DNA technology). Application of Biotechnology in health and agriculture: Human insulin and vaccine production, gene therapy; Genetically modified organisms-Bt crops; Transgenic Animals; Biosafety issues-Biopiracy and patents.

Test No.	Date of Test	Subject	Topics of the Tests
4	19.11.2017 & 22.11.2017	Phy. Chem. Bio.	Physical World and Measurement; Kinematics Some basic concept of chemistry, Structure of Atom, Classification of elements and periodicity in properties, Chemical bonding and molecular structure. Diversity in Living World: What is living? ; Biodiversity; Need for classification; Three domains of life; Taxonomy & Systematics; Concept of species and taxonomical hierarchy; Binomial nomenclature; Tools for study of Taxonomy – Museums, Zoos, Herbaria, Botanical gardens keys, Five kingdom classification; salient features and classification of Monera, Protista and Fungi into major groups; Lichens; Viruses and Viroids, Salient Features and classification of animals-non chordate up to phyla level and Chordates upto classes level.
5	10.12.2017 & 13.12.2017	Phy. Chem. Bio.	Laws of Motion; Work, Energy and Power; Motion of System of Particles and Rigid Body States of Matter : Gases and Liquid, Thermodynamics, Equilibrium Salient features and classification of plants into major groups-Algae, Bryophytes, Pteridophytes, Gymnosperms and Angiosperms: Angiosperms-classification up to class, characteristic features and Examples, Morphology of Flowering Plants: Root, Stem, Leaf, Inflorescence-Racemose and Cymose, Flower, Fruit and Seed, Families., Structural Organisation in Animals: Animal tissues; Morphology, anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of animals (cockroach). (Brief account only), Chemical constituents of living cells: Biomolecules-structure and function of proteins, carbohydrates, lipids, nucleic acids; Enzymes-types, properties, enzyme action.
6	24.12.2017 & 27.12.2017	Phy. Chem. Bio.	Gravitation; Properties of Bulk Matter; Thermodynamics Redox Reactions, Hydrogen, s-block elements, Some p-block elements (Group-13 & 14) Anatomy of Flowering Plants, Cell Structure and Function: Cell theory and cell as the basic unit of life; Structure of prokaryotic and eukaryotic cell; Plant cell and animal cell; Cell envelope, cell membrane, cell wall; Cell organelles-structure and function; Endomembrane system-endoplasmic reticulum, Golgi bodies, lysosomes, vacuoles; mitochondria, ribosomes, plastids, micro bodies; Cytoskeleton, cilia, flagella, centrioles (ultra structure and function); Nucleus-nuclear membrane, chromatin, nucleolus, Cell division; Cell cycle, mitosis, meiosis and their significance, Digestion and Absorption, Breathing and Respiration, Body fluids and Circulation.
7	14.01.2018 & 17.01.2018	Phy. Chem. Bio.	Behaviour of Perfect Gas and Kinetic Theory; Oscillations and Waves Organic Chemistry : Some Basic Principles & Techniques, Hydrocarbons, Environmental Chemistry Transport in Plants, Mineral Nutrition, Photosynthesis, Respiration, Plant Growth and Development, Excretory products and their elimination, Locomotion and Movement, Neural control and coordination, Chemical coordination and regulation.
8	28.01.2018 & 31.01.2018	PCB	Open Mock Test on Complete Syllabus of XI and XII

**Timings of Test will be 10:00 AM onwards within 24 hrs. in scheduled date.\***

\*Note: In order to get All India Ranking, the student should attempt the test within 24 hrs. If the student attempts the test after 24 hrs., he /she will be given reference ranking.