

## for Class 11 Studying Students

### Despatch Schedule for AIIMS 2019

Dispatch Date	Content Enclosed	Details
Last Week of May, 2017	Aakash Explorer for AIIMS (Part - I) 2019	Contains more than 2300 questions from Class 11 syllabus
Last Week of May, 2018	Aakash Explorer for AIIMS (Part - II) 2019	Contains more than 2200 questions from Class 12 syllabus

### Online Test Schedule for AIIMS-2019

Test No.	Date of Test	Subject	Topics of the Tests
1	08.10.2017 & 11.10.2017	Phy. Chem. Bio.	Physical World and Measurement, Kinematics-I: Frame of reference, Motion in a straight line; Position-time graph, speed and velocity. Uniform and non-uniform motion, average speed and instantaneous velocity. Uniformly accelerated motion, velocity-time and position-time graphs for uniformly accelerated motion (graphical treatment). Elementary concepts of differentiation and integration for describing motion. Some basic Concepts of Chemistry 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 , Five kingdom classification; salient features and classification of Monera, Salient Features and classification of animals-non chordate up to phyla level
2	29.10.2017 & 01.11.2017	Phy. Chem. Bio.	Kinematics-II: Scalar and vector quantities: general vectors, general vectors and notation, equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity. Unit vectors. Resolution of a vector in a plane-rectangular components. Motion in a plane. Cases of uniform velocity and uniform acceleration-projectile motion. Uniform circular motion Structure of Atom & Classification of Elements and Periodicity in properties Systems of classification, Salient Features and classification of Protista and Fungi into major groups; Lichens; Viruses and Viroids, Salient Features and classification of animals-chordate up to classes level, Animal Tissues.

Test No.	Date of Test	Subject	Topics of the Tests
3	26.11.2017 & 29.11.2017	Phy. Chem. Bio.	Laws of Motion; work, Energy and Power Chemical bonding and Molecular Structure, States of matter: Gases & Liquids Salient features and classification of plants into major groups-Algae, Bryophytes, Pteridophytes, <b>Gymnosperms and Angiosperms</b> : Angiosperms-classification up to class, characteristic features and Examples, <b>Structural Organisation in Animals</b> . Morphology, anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of animals (earthworm, cockroach & frog). (Brief account only).
4	31.12.2017 & 03.01.2018	Phy. Chem. Bio.	Motion of System of Particles and Rigid Body Thermodynamics & Equilibrium Morphology of Flowering Plants: Root, Stem, Leaf, Inflorescence-Racemose and Cymose, Flower, Fruit and Seed, Families, Anatomy of Flowering Plants, Chemical constituents of living cells: Biomolecules-structure and function of proteins, carbohydrates, lipids, nucleic acids; Enzymes-types, properties, enzyme action.
5	21.01.2018 & 24.01.2018	Phy. Chem. Bio.	Gravitation, Properties of Bulk Matter, Thermodynamics Redox Reactions, Hydrogen, s-Block Elements (Alkali and Alkaline earth metals) & Some p-Block Elements (Group 13 & 14) 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, Cytoskeleton, cilia, flagella, centrioles, Nucleus-nuclear membrane, chromatin, nucleolus, Cell division; Cell cycle, mitosis, meiosis and their significance, Digestion and Absorption, Breathing and Respiration, Body fluids and Circulation.
6	11.02.2018 & 14.02.2018	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
7	25.02.2018 & 28.02.2018	PCB	Complete Syllabus Test of Class XI

The Schedule for 2nd Year (Class XII) shall be Despatched in April, 2018

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.