

## Topicwise Test Schedule for Class 12 Studying Students

### AIATS for NEET / AIIMS 2018

Test No.	Date of Test	Date of Result	Subject	Topics of the Tests
Practice Test-1 (Online)	23.07.2017		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.
Practice Test-2 (Online)	30.07.2017	Practice Test Results can be viewed after submission of Test	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.
1	06.08.2017	21.08.2017	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	01.10.2017	16.10.2017	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	12.11.2017	27.11.2017	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.

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4	26.11.2017	11.12.2017	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	17.12.2017	02.01.2018	Phy. Chem. Bio.	Laws of Motion; Work, Energy and Power; Motion of System of Particles and Rigid 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	31.12.2017	15.01.2018	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	21.01.2018	05.02.2018	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.
8	04.02.2018	19.02.2018	PCB	Open Mock Test on Complete Syllabus of NEET
9	11.02.2018	26.02.2018	PCB	Open Mock Test on Complete Syllabus of NEET
10	25.03.2018	10.04.2018	PCB	Open Mock Test on Complete Syllabus of NEET
11	01.04.2018	15.04.2018	PCB	Open Mock Test on Complete Syllabus of NEET
12	15.04.2018	30.04.2018	PCB	Open Mock Test on Complete Syllabus of NEET
13	29.04.2018	14.05.2018	PCB	Open Mock Test on Complete Syllabus of NEET
14	13.05.2018	28.05.2018	PCB	Open Mock Test on Complete Syllabus of AIIMS
15	27.05.2018	12.06.2018	PCB	Open Mock Test on Complete Syllabus of AIIMS

The result will be available on our website : [www.aakash.ac.in](http://www.aakash.ac.in), however students can also see the result on the Notice Board of the test centre.

Test Timings for NEET: 10:00 A.M. to 1:00 P.M. (3 Hours) | Test Timings for AIIMS: 10:00 A.M. to 1:30 P.M. (3.5 Hours)

Test Timings are subject to change according to the AIATS Test Centre / Branch.  
So please check the Timings from the respective AIATS Centre before the Exam Date. The venue for AIATS is subject to change at short notice