

VIBRANT All India Test Series(VAITS) for Pre-Medical-XII-(Target : NEET(UG)/AIIMS 2020)

S.No.	Test Name & Dates	Physics	Chemistry		Botany	Zoology
1	PT-1 (NEET) 21-07-2019	Thermodynamics (KTG and Thermodynamics, Thermal Expansion, Calorimetry)	Chemical Bonding	Introduction of Organic Compound, IUPAC Nomenclature	Plant physiology - I (Transport in plants)	Application of Biotechnology, Biology in Human Welfare, Locomotion & Movement
2	PT-2 (NEET) 11-08-2019	Thermodynamics (KTG and Thermodynamics, Thermal Expansion, Calorimetry) Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion	Chemical Bonding, Surface Chemistry & Gaseous State	Introduction of Organic Compound, IUPAC Nomenclature, Structural Isomerism, Practical Organic Chemistry (POC-I)(Detection of element and functional group)	Plant physiology - I (Transport in plants) ,Reproduction in Flowering plants	Biotechnology, Biology in Human Welfare, Locomotion & Movement, Biomolecules
3	PT-3 (NEET) 08-09-2019	Newtons Laws of Motion (NLM), Friction, Work Power Energy (WPE)	Gaseous State, Chemical Equilibrium	Electronic Effect (I-effect) Resonance effect,m-effect	Cell Biology (Cell : The unit of life)	Digestion and absorption of food
4	PT-4 (AIIMS) 29-09-2019	Thermodynamics,Mathematical Tools,Rectilinear Motion, Projectile Motion,Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of Mass (COM)	Chemical Bonding, Surface Chemistry, Gaseous State, Chemical Equilibrium, Ionic Equilibrium	Electronic Effect (I-effect) Resonance effect,m-effect & Stability of intermediate	Plant physiology - I (Transport in plants) ,Reproduction in Flowering plants ,Cell Biology, Plant Physiology - II - (Photosynthesis, Respiration)	Biotechnology, Biology in Human Welfare, Locomotion & Movement, Biomolecules,Digestion and absorption of food, Breathing and exchange of gases, Body fluids and circulation (Blood, Blood Groups, Blood Clotting,Lymph,Structure of heart, Cardiac cycle)

5	PT-5 (NEET) 20-10- 2019	Circular Motion, COM, Rigid Body Dynamics(RBD), Simple Harmonic Motion (SHM)	Ionic Equilibrium, Coordination Compound, Electrochemistry (Electro chemical cell, Standard Hydrogen electrode, Electro chemical Series)	Acidic strength ,Basic strength, Tautomerism, Polymer, Chemistry in everyday life	Genetics - Principles of Inheritance & Variations	Breathing and exchange of gases ,Body fluids and Circulation, Excretory system)
6	PT-6 (NEET) 17-11- 2019	Thermodynamics,Mathematical Tools,Rctilinear Motion, Projectile Motion,Relative Motion,NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics	Chemical Bonding, Surface Chemistry, Gaseous State, Chemical Equilibrium, Ionic Equilibrium, Coordination Compound, Electrochemistry & Metallurgy	Acidic strength ,Basic strength, Tautomerism, polymer, chemistry in everyday life & Stereoisomers (GI / OI)	Cell Biology,Plant Physiology -II (Photosynthesis, Respiration), Genetics (Principles of Inheritance & Variations, Molecular basis of Inheritance), Biological Classification (Introduction – 2 kingdom, 3 kingdom, 4 kingdom, 5 kingdom classification, Kingdom Monera, Kingdom Protista)	Human physiology

7	PT-7 (AIIMS) 08-12- 2019	Geometrical Optics, Electrostatics, Gravitation, Current Electricity	Electrochemistry, Metallurgy, Solution & Colligative properties	Introduction of reaction mechanism / SN1, SN2, of alkyl halide	Genetics , Biological classification , Plant Kingdom, Plant Morphology (Root , Stem, Leaves)	Neural Control and Coordination, Chemical Coordination and Integration, Human Reproduction
8	PT-8 (NEET) 22-12- 2019	Thermodynamics,Mathematical Tools,Rectilinear Motion, Projectile Motion,Relative Motion,NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Heat Transfer	Chemical Bonding, Surface Chemistry,Gaseous State, Chemical Equilibrium, Ionic Equilibrium, Coordination Compound, Electrochemistry, Metallurgy, Solution & Colligative properties, Boron & Carbon family, Thermodynamics (Introduction & Definitions Reversible & Irreversible Process,Introduction of First Law)	Introduction of reaction mechanism / SN1, SN2, of alkyl halide, and alcohol, Elimination reaction	Genetics , Biological classification , Plant Kingdom, Plant Morphology	Human Physiology, Human Reproduction, Reproductive Health
9	PT-9 (NEET) 05-01- 2020	Gravitation, Current Electricity, Heat Transfer, Capacitance, Electro Magnetic Effect (EMF)	Thermodynamics, Solution & Colligative properties, Chemical Bonding, p-block-XI	Chemical reaction of Hydro carbon (FSR, EAR)	Plant Anatomy , Ecology - (Organisms and Populations)	Reproductive Health ,Evolution

10	PT-10 (AIIMS) 12-01- 2020	Thermodynamics,Mathematical Tools,Rcetilinear Motion, Projectile Motion,Relative Motion, NLM, Friction, WPE, Circular Motion, COM, RBD, SHM, Geometrical Optics, Electrostatics, Gravitation, Current Electricity, Capacitance, Heat Transfer, EMF, Electro Magnetice Induction (EMI), Alternating current (AC), Atomic Physics, Nuclear Physics	Chemical Bonding, Surface Chemistry,Gaseous State, Chemical Equilibrium, Ionic Equilibrium, Coordination Compound, Electrochemistry, Metallurgy, Solution & Colligative properties, Boron & Carbon family, Thermodynamics	Chemical reaction of Hydro carbon (FSR, EAR) & Chemical reaction of Aromatic compound (ESR)	Genetics , Biological classification , Plant Kingdom, Plant Morphology, Plant Anatomy , Ecology - (Organisms and Populations, Ecosystem , Environmental Issues)	Human Physiology, Human Reproduction, Reproductive Health, Reproductive Health, Evolution, Human health and disease , Animal Kingdom (General Account, Protozoa, Porifera, Cnidaria & Ctenophora, Platyhelminthes, Aschelminthes, Annelida, Arthropoda+cockroach, Mollusca, Echinodermata & Hemichordata)
11	VAIOT (NEET) 19-01- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
12	VAIOT (AIIMS) 02-02- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
13	FST-1 (AIIMS) 15-03- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
14	FST-2 (NEET) 22-03- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus

15	FST-3 (NEET) 29-03- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
16	FST-4 (NEET) 05-04- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
17	FST-5 (AIIMS) 12-04- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
18	FST-6 (AIIMS) 19-04- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
19	FST-7 (NEET) 26-04- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
20	FST-8 (AIIMS) 03-05- 2020	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
• PT: Part Test • VAIOT:VIBRANT All India Open Test • FST: Full Syllabus Test						