

### PACE MEDICAL MAJOR TESTS' SCHEDULE FOR 2018 -20 BATCHES

DATE	DAY	TEST	TIMING	SYLLABUS			
				PHYSICS	CHEMISTRY	BOTANY	ZOOLOGY
07 October 2018	Sunday	Medical Major Test -1	9 am - 12 pm	Vectors, Kinematics-1, Calculus for physics, Dimension Analysis and Errors, Kinematics-2, LOM & Friction, Circular Motion, Work Power Energy	Atomic Structure, Mole concept, Periodic Table, Chemical Bonding, Gaseous State	Living World, Biological Classification, Plant Kingdom, Cell: the Unit of Life	Structural Organisation in Animals, Animal Kingdom,
30 December 2018	Sunday	Medical Major Test -2	9 am - 12 pm	Syllabus of Major Test-1 and Rotational Dynamics, Center of Mass & Collisions, Ray optics	Syllabus of Major Test-1, Energetics (Full Thermo) IUPAC Nomenclature & GOCT, Chemical Equilibrium, Volumetric	Syllabus of Major Test-1 and Cell cycle and cell division, Morphology of Flowering Plants, Anatomy of Flowering Plants	Syllabus of Major Test-1 and Biomolecules, Digestion and Absorption, Breathing and Exchange of Gases
17 March 2019	Sunday	Medical Major Test -3	9 am - 12 pm	Syllabus of Major Test-2 and Heat & Thermodynamics, SHM, Gravitation	Syllabus of Major Test-2 and Ionic Equilibrium, Solutions, GOCT, Isomerism & Reaction Mechanism	Syllabus of Major Test-2 and Plant Growth and Development, Transport in Plants, Mineral Nutrition	Syllabus of Major Test-2 and Body Fluids and Circulation, Excretory Products and their Elimination, Locomotion and Movement
16 June 2019	Sunday	Medical Major Test -4	9 am - 12 pm	Syllabus of Major Test-3 and Electrostatics and Capacitor, Fluid Mechanics, Mechanical Properties of Matter	Syllabus of Major Test-3 and Chemical Kinetics, Hydrocarbons, Aromatic Hydrocarbons, Alkyl and Aryl Halides, Solid State	Syllabus of Major Test-3 and Photosynthesis in Higher Plants and Respiration in Plants	Syllabus of Major Test-3 and Neural Control and Co-ordination, Chemical Control and Integration
11 August 2019	Sunday	Medical Major Test -5	9 am - 12 pm	Syllabus of Major Test-4 and Current Electricity, Sound Waves, Transverse waves, Wave Optics, Magnetism	Syllabus of Major Test-4 and Electrochemistry, Alcohol, Ether & Phenol, Aldehyde & Ketones, Carboxylic Acids, Amines, Co-ordination Compounds	Syllabus of Major Test-4 and Reproduction in organisms, Sexual Reproduction in Flowering Plants, Molecular basis of Inheritance, Principles of Inheritance and Variation	Syllabus of Major Test-4 and Human Reproduction, Reproductive health, Evolution
20 October 2019	Sunday	Medical Major Test -6	9 am - 12 pm	Syllabus of Major Test-5 and EMI & AC, Modern Physics	Syllabus of Major Test-5 and Salt Analysis, Biomolecules and Polymers, S-Block, P-Block, Metallurgy, D&F-Block, Surface And Nuclear Chemistry	Syllabus of Major Test-5 and Microbes in Human Welfare, Strategies and Enhancement in food production, Organisms and Populations, Ecosystem, Biodiversity and Conservation, Environmental issues	Syllabus of Major Test-5 and Human Health and Diseases, Biotechnology: Principles and Processes, Biotechnology and its Applications Animal husbandry
27 October 2019	Sunday	Medical Part Test-1	9 am - 12 pm	CLASS XI SYLLABUS	CLASS XI SYLLABUS	CLASS XI SYLLABUS	CLASS XI SYLLABUS
01 November 2019	Friday	Medical Part Test -2	9 am - 12 pm	CLASS XII SYLLABUS	CLASS XII SYLLABUS	CLASS XII SYLLABUS	CLASS XII SYLLABUS
03 November 2019	Sunday	OPEN TEST	9 am - 12 pm	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS	FULL SYLLABUS

### PACE MEDICAL ALL INDIA TEST SERIES FOR 2018-20 BATCHES

DATE	DAY	TEST	TIMING	SYLLABUS			
				PHYSICS	CHEMISTRY	BOTANY	ZOOLOGY
10 November 2019	Sunday	Med-AITS- 1	9 am - 12 pm	Physical world, Units and measurements, Motion in a Straight Line, Motion in a Plane.	Some basic concepts of Chemistry, Structure of Atom, Classification of elements and periodicity in properties, Chemical Bonding and Molecular structure	Living world, Biological Classification	Animal Kingdom (General account and Non chordates including Protozoa)
17 November 2019	Monday	Med-AITS- 2	10 am - 12 pm	Laws of Motion (Including Circular Motion), Work, Energy & Power, System of Particles and Rotational Motion	States of Matter : (Gases & Liquids) Thermodynamics, Equilibrium, Redox Reaction	Plant Kingdom, Morphology of Flowering Plants	Animal Kingdom. (general account and chordates), Structural organization in animals, Biomolecules
24 November 2019	Tuesday	Med-AITS- 3	11 am - 12 pm	Gravitation, Mechanical properties of Solids, Mechanical properties of Fluids	Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry	Anatomy of Flowering Plants, The Cell : The unit of Life, The cell Cycle and cell division, Transport in Plants,	Digestion and Absorption, Breathing and Exchange of Gases, Body fluids and Circulation, Excretory products and their Elimination
01 December 2019	Wednesday	Med-AITS- 4	12 am - 12 pm	Thermal properties of matter, Solar Constant & Surface Temperature of the Sun, Thermodynamics, Kinetic Theory, Entropy, Oscillations, Waves	Hydrogen, s-Block Elements, Some p-Block Elements (Group 13-Group18)	Mineral Nutrition, Photosynthesis in Plants, Respiration in Plant Growth & Development, Locomotion & Movement,	Neural Control & Coordination, Chemical Coordination & Integration
08 December 2019	Thursday	Med-AITS- 5	13 am - 12 pm	Electric Charges & Field, Electrostatic Potential and Capacitance, Current Electricity (Including thermal, Chemical & Thermoelectric effects of current)	General principles & Processes of Isolation of Elements, p-block Elements (Group 15 - 18), d & f-Block Elements, Coordination Compounds and Qualitative Analysis	Reproduction in organisms, Sexual Reproduction in Flowering plants	Human Reproduction and Reproductive health
15 December 2019	Friday	Med-AITS- 6	14 am - 12 pm	Moving charges & Magnetism, Magnetism and Matter, Electromagnetic Induction, Alternating current, Electromagnetic Waves	Organic Chemistry – (Some Basic principles & Techniques), Hydrocarbons, Environmental Chemistry	Principles of Inheritance and Variation, Molecular basis of Inheritance, Strategies for Enhancement in Food production,	Evolution, Human Health and Diseases
22 December 2019	Saturday	Med-AITS- 7	15 am - 12 pm	Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei, Semi – Conductor Electronics including elementary ideas about IC, Communication system	Haloalkanes and Haloarenes, Functional Group – I (Alcohols, Phenols and Ethers) Functional Group – II (Aldehydes, Ketones, Carboxylic Acids), Functional Group – III (Amines), Biomolecules, Polymers, Chemistry in Everyday life	Organisms and Population, Ecosystem, Biodiversity and Conservation, Environmental Issue, Microbes in Human welfare	Animal Husbandry, Biotechnology : Principles and Processes, Biotechnology and its applications

**15 NEET Based Mock Tests will be conducted after the Board exams during March- April 2020**

**5 AIIMS Based Mock Tests will be conducted in May 2020**