

# PACE - IIT & MEDICAL

## ANNUAL TEST PLANNER 2015-17 Medical Aspirants

SN	Date	Test	Module	Physics	Chemistry	BOTANY	ZOOLOGY
1	29-Aug-15	State Major Test-1	SMT-01	Vectors, Units and Dimensions, Calculus, Logarithm and Trigonometry, Motion in a straight line, Motion in a plane	Some Basic Concepts of Chemistry, Structure of Atom, Classification of elements and Periodicity in Properties	Living World, Biological Classification	Animal Kingdom, Structural Organisation in Animals
2	10-Oct-15	State Major Test-2	SMT-02	Syllabus of SMT -1 + Laws of Motion, Work, Power and Energy, Circular Motion, Centre of Mass	Syllabus of SMT -1 + Chemical bonding and Molecular structure, States of Matter	Syllabus of SMT -1 + Plant Kingdom, Morphology of Flowering Plants	Syllabus of SMT -1 + Biomolecules, Digestion and Absorption
3	28-Nov-15	State Major Test-3	SMT-03	Syllabus of SMT -1, 2 + System of Particles and Rotational Motion, Gravitation	Syllabus of SMT -1, 2 + Thermodynamics, Equilibrium, Redox Reactions	Syllabus of SMT -1, 2 + Anatomy of Flowering Plants, Cell a Unit of Life, Cell Division and Cell cycle	Syllabus of SMT -1, 2 + Breathing and Exchange of gases, Body fluids and Circulation
4	16/Jan/16	State Major Test-4	SMT-04	Syllabus of SMT -1, 2, 3 + Mechanical properties of Solids, Mechanical properties of Fluids	Syllabus of SMT -1, 2, 3 + Hydrogen, s-Block Elements, p-Block Elements	Syllabus of SMT -1, 2, 3 + Transport in Plants, Mineral nutrition	Syllabus of SMT -1, 2, 3 + Excretory products and their elimination, Locomotion and Movement
5	13/Feb/16	State Major Test-5	SMT-05	Syllabus of SMT -1, 2, 3, 4 + Oscillations, Thermal Properties of Matter, Kinetic Theory, Thermodynamics, Wave	Syllabus of SMT -1, 2, 3, 4 + Organic Chemistry- Some basic principles and techniques, Hydrocarbons, Environmental Chemistry	Syllabus of SMT -1, 2, 3, 4 + Photosynthesis in higher plants, Respiration in Plants, Plant Growth and Development	Syllabus of SMT -1, 2, 3, 4 + Neural Control and Co-ordination, Chemical co-ordination and Integration
6	12/Mar/16	State Major Test-6	SMT-06	<b>Full syllabus of Class XI</b>			
7	21/May/16	State Major Test-7	SMT-07	Circular Motion, Centre of Mass, System of Particles and Rotational Motion, Gravitation, Mechanical properties of Solids, Oscillations, Thermal Properties of Matter, Kinetic Theory, Thermodynamics, Wave, Electric Charges & Fields, Electric Potential and Capacitance	Solid state, Liquid solutions, Electrochemistry, Chemical kinetics	Photosynthesis in higher plants, Respiration in Plants, Reproduction in organism, Sexual Reproduction in Flowering Plant	Body fluids and Circulation, Excretory products and their elimination, Neural Control and Co-ordination, Chemical co-ordination and Integration, Reproduction in organisms, Human Reproduction, Reproductive Health
8	18-Jul-16	State Major Test-08	SMT-08	Syllabus of SMT - 7 + Current Electricity, Moving Charges and Magnetism, Magnetism and Matter	Syllabus of SMT - 7 + General Principles and Processes of Isolation of elements, P Block Elements, The d & f – block Elements	Syllabus of SMT - 7 + Principles of Inheritance and variation	Syllabus of SMT - 7 + Evolution
9	27-Aug-16	State Major Test-09	SMT-09	Syllabus of SMT -7, 8 + Electromagnetic Induction, Alternating Current	Syllabus of SMT - 7, 8 + Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols, Ethers	Syllabus of SMT - 7, 8 + Molecular basis of inheritance, Strategies for Enhancement of food production, Microbes in human welfare	Syllabus of SMT - 7, 8 + Human Health and Diseases
10	15-Oct-16	State Major Test-10	SMT-10	Syllabus of SMT - 7, 8, 9 + Wave optics, Dual nature of Radiation and Matter, Atoms, Nuclei, Semiconductors, Communication systems	Syllabus of SMT - 7, 8, 9 + Aldehydes and Ketones, Amines, Carboxylic Acids, Biomolecules, Polymers, Chemistry in Everyday life	Syllabus of SMT - 7, 8, 9 + Organism and population, Ecosystem, Biodiversity and Its Conservation, Environment Issues	Syllabus of SMT - 7, 8, 9 + Animal Husbandry, Biotechnology: Principles and Processes, Biotechnology and its Applications
11	22-Oct-16	State Major Test-11	SMT-11	<b>Full syllabus of Class XII</b>			

**Note: 20% Weightage to syllabus of previous Major Test(s), 80% Weightage to syllabus of current Major Test**