

**Regd. Office: Aakash Tower, 08, Pusa Road, New Delhi-110005**

<b>AIIMS CHALLENGER TEST SERIES (ACTS) - *Online-CBT Mode Only</b>			
<b>From 05th Aug 2018 to 08th April 2019</b>			
<b>CF+OYM and RM (2018-19) - Subject Wise</b>			
Sr.No.	Subject	Syllabus	Date of Uploading of Online Test (At 10 am sharp)
1	Phy	Electrostatics; Current Electricity	Test-01 : 05-08-2018
	Chem	Solid State, Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry	
	Bio	Reproduction in organisms, Sexual reproduction in flowering plants, Principles of Inheritance & Variations, Human Reproduction, Reproductive Health.	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	
2	Phy	Magnetic Effect of Current and Magnetism; Electromagnetic Induction and Alternating Currents; Electromagnetic Wave	Test-02 : 07-10-2018
	Chem	The p-Block elements (Group 15 to 18), General Principles and Processes of Isolation of elements, The d & f Block elements, Coordination compounds	
	Bio	Molecular basis of inheritance, Biology and Human Welfare: Strategies for enhancement in food production; Microbes in human welfare, 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, allergies, autoimmunity, immune system of the body, lymphoid organs; Primary and Secondary	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	
3	Phy	Optics; Dual Nature of Matter and Radiation; Atoms and Nuclei; Electronic Devices, Communication system	Test-03 : 02-12-2018
	Chem	Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday life	
	Bio	Ecology : Organisms and Populations, Ecosystem, Biodiversity and conservation, Environmental issues, Human Health and Disease-II: Cancer, HIV and AIDS; Adolescence, drug and alcohol abuse, Apiculture and Animal Husbandry, Biotechnology: Principles and process, Biotechnology and its Applications	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	

Sr.No.	Subject	Syllabus	Date of Uploading of Online Test (At 10 am sharp)
4	Phy	Physical World and Measurement; Kinematics, Laws of Motion, Work, Energy & Power	Test-04 : 16-12-2018
	Chem	Some basic concept of chemistry, Structure of Atom, Classification of elements and periodicity in properties, Chemical bonding and molecular structure, States of Matter : Gases and Liquid	
	Bio	Cell: The Unit Life, Cell Cycle & Cell division, The Living World, Biological Classification, Structural organisation in animals: Animal tissues only, Biomolecules, Digestion and Absorption, Breathing and Respiration, Body Fluids and Circulation	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	
5	Phy	Motion of System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids	Test-5 : 30-12-2018
	Chem	Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-block elements.	
	Bio	Morphology of flowering plants, Anatomy of Flowering Plants, Plant Kingdom, Excretory products and Their Elimination, Locomotion and Movement, Neural control and coordination, Chemical coordination and Integration	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	
6	Phy	Thermal properties of matter, Thermodynamics, Kinetic Theory, Oscillations, Waves	Test-06 : 14-01-2019
	Chem	The p-block elements (Group-13 & 14), Organic Chemistry : Some Basic Principles & Techniques, Hydrocarbons, Environmental Chemistry	
	Bio	Transport in Plants, Mineral Nutrition, Photosynthesis, Respiration, Plant Growth and Development, Animal Kingdom and Structural organisation of animals: Animal Morphology (Cockroach Only)	
	GK and LTA	General Knowledge and Logical Thinking & Aptitude	
7	PCBG**	Open Mock Test on Complete Syllabus of AIIMS	Test-07 : 24/03/2019 Test-08 : 08/04/2019

**Note:** Every Test will consist of 4 parts: Physics, Chemistry, Biology, General Knowledge and Logical Thinking & Aptitude. There shall be locked in time period of 80 mins., 60 mins., 40 mins. & 20 mins. to attempt 60 Qs of Physics, Chemistry, Biology respectively and 20 Qs of GK & LTA in each test. After the given time period for each subject, subject wise test paper shall be submitted automatically.

\*Online-CBT mode exam shall be given by the students being at home in the pre-defined window of online test.

PCBG\*\* : Physics, Chemistry, Biology, General Knowledge and Logical Thinking & Aptitude