

DISTANCE LEARNING PROGRAMME

STUDY MATERIAL CHECK LIST: CLASS 11th (NURTURE 1 - YEAR COURSE)

TARGET : PRE-MEDICAL (NEET - UG)

Dear Student, We are sending the following modules along with this checklist. Kindly verify that you have received all the modules mentioned in the checklist.

Module No.	TOPIC	CLASS
PHYSICS		
P-01	1.Basic Mathematics used in physics & Vector	11th
	2.Units and measurement	
	3.Kinematics (Motion along a straight line and motion in a plane)	
	4.Newton's Law's of motion & Friction	
P-02	1.Work , Energy & Power	11th
	2.Circular Motion	
	3.Centre of Mass & Collisions	
	4.Rotational Motion	
	5.Gravitation	
	6.Properties of matter and Fluid Mechanics	
P-03	1.Thermal Physics	11th
	2.Oscillations (S.H.M.)	
	3.Wave Motion	
P-07	Physics experimental Skills	11th+12th
SOLUTIONS	Modules 1, 2 and 4 (Module 4 is from Class 12th)	11th+12th
SOLUTIONS	Modules 3, 5 and 6 (Modules 5 & 6 are from Class 12th)	11th+12th
CHEMISTRY		
C-01	1.Some Basic concept of chemistry	11th
	2.Atomic Structure	
	3.Chemical Equilibrium	
	4.Ionic Equilibrium	
	5.Thermodynamics & Chemical Energetics	
	6.Redox Reaction	
	7.Hints and Solutions	
C-02	1.Periodic Table	11th
	2.Chemical Bonding	
	3.Hints and Solutions	
C-03	1.Classification & Nomenclature	11th
	2.Isomerism	
	3.Fundamental concept in organic reaction mechanism	
	4.Hydrocarbons	
	5.Purification methods, Qualitative and Quantitative analysis of organic compounds	
	6.Hints and Solutions	
C-05	1.p-Block Elements	11th
	2.d and f-Block Elements	12th
	3.Co-ordination Compounds	
	4.Qualitative analysis (Salt Analysis)	
	5.Hints and Solutions	
BIOLOGY		
B-01	DIVERSITY IN THE LIVING WORLD	11th
	1.The Living World	
	2.Biological Classification	
B-02	3.Plant Kingdom	11th
	1.Morphology of Flowering plants	
	2.Anatomy of flowering plants	
	3.Cell : The unit of life	
B-03	4.Cell cycle and cell division	11th
	PLANT PHYSIOLOGY	
	1.Biomolecules-I	
	2.Biomolecules-II (Enzymes)	
	3.Photosynthesis in Higher plants	
B-04	4.Respiration in plants	11th
	5.Plant growth and Development	
	1.Animal Kingdom	
	2.Structural organisation in animals (Animal Tissues)	
B-05	3.Cockroach (<i>Periplaneta americana</i>)	11th
	4.Frog (<i>Rana tigrina</i>)	
	1.Breathing and exchange of gases	
B-06	2.Body fluids and circulation	11th
	3.Excretory products & their elimination	
	1.Neural control and coordination (Nervous System)	
B-11	2.Chemical co-ordination and integration (endocrine System)	11th
	3.Locomotion and movement (Skeletal system)	
	4.Locomotion and movement (Limb muscles)	
	Experimental Biology	
*Please note that some modules may cover Class 12th content as mentioned in the checklist.		