

DISTANCE LEARNING PROGRAMME

STUDY MATERIAL COURSE & JOINT PACKAGE COURSE TARGET : PRE-MEDICAL

SET # 01

Dear Student, We are sending following modules alongwith this checklist.
 Kindly check whether you have got all the modules mentioned in this 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-04	1.Electrostatics	12th
	2.Current Electricity	
	3.Capacitor	
P-07	Physics experimental Skills	11th+12th
SOLUTIONS	Modules 1, 2, 4	
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-04	1.Chemical kinetics	12th
	2.Solutions	
	3.Electrochemistry	
	4.Hints and Solutions	
C-07	Principles related to Practical Chemistry	12th
BIOLOGY		
B-01	DIVERSITY IN THE LIVING WORLD	11th
	1.The Living World	
	2.Biological Classification	
	3.Plant Kingdom	
B-02	1.Morphology of Flowering plants	11th
	2.Anatomy of flowering plants	
	3.Cell : The unit of life	
	4.Cell cycle and cell division	
B-04	1.Animal Kingdom	11th
	2.Structural organisation in animals (Animal Tissues)	
	3.Cockroach (Periplaneta americana)	
	4.Frog	
B-07	1.Human Reproduction	12th
	2.Reproductive Health	
	3.Human health and Diseases	
	4.Origin & Evolution of life	
B-08	1.Sexual reproduction in flowering plants	12th
	2.Ecology	
	(I) Organism and Populations	
	(II) Ecosystem	
B-11	(III) Biodiversity and conservation	11th
	Experimental Biology	