ALLENSIR 2.0 Micro Plan

Date	Day	PHYSICS		CHEMISTRY		BIOLOGY	
		TOPIC	SUB TOPIC	TOPIC	SUB TOPIC	TOPIC	SUB TOPIC
10-Jun	Thursday	KINEMATICS 1	i) GRAPHS IN KINEMATICS ii) MOTION UNDER GRAVITY	MOLE CONCEPT 1	i) CALCULATION OF MOLES ii) EMPERICAL AND MOLECULAR FORMULA iii) STOCHIOMETRY iv) LIMITING REAGENTS	STRUCTURAL ORGANISATION IN ANIMALS (ANIMAL TISSUES) 1	NCERT XI (PAGE NO 100-106)
11-Jun	Friday	KINEMATICS 2	i) GROUND TO GROUND PROJECTILE ii) RIVER-MAN PROBLEM	ATOMIC STRUCTURE 1 & 2	i) BOHR MODEL ii) DEBROGLIE CONCEPT iii)HEISENBERG UNCERTAINITY PRINCIPLE iv) QUANTIUM NUMBER v) RULES OF FILLING OF ELECTRONS	BREATHING AND EXCHANGE OF GASES (RESPIRATORY SYSTEM) 1	NCERT XI (PAGE NO 268 - 277)
12-Jun	Saturday	NEWTON'S LAWS OF MOTION & FRICTION 1	i) IMPULSE VARIOUS TYPE OF FORCES ii) CONSTRAINED MOTION PULLEY	CHEMICAL & IONIC EQUILIBRIUM 1 & 2	i) INTRODUCTION LOG AND ANTILOG ii) ph SCALE iii) DILUTION LAW iv) COMMON ION EFFECT v) ph CALCULATION IN DIFFERENT CASE vi) HYDROLYSIS OF SALTS vii) SOLUBILITY AND SOLUBILITY PRODUCTS(Ksp)	DIGESTION AND ABSORPATION (DIGESTIVE SYSTEM) 1	NCERT XI (PAGE NO 257-267)
13-Jun	Sunday	NEWTON'S LAWS OF MOTION & FRICTION 2	i) ROCKET PROPULSION & FRICTION	CHEMICAL & IONIC EQUILIBRIUM 3 & 4	i) CONDITION OF PPT ii) BUFFER SOLUTION iii) ACID BASE iv) POLYBASIC ACIDS AND POLYACIDIC BASES v) INDICATOR	BODY FLUIDS AND CIRCULATION (CIRCULATRY SYSTEM) 1 & 2	NCERT XI (PAGE NO 278-283) NCERT XI (PAGE NO 284-289)
14-Jun	Monday	WORK, ENERGY & POWER 1 & 2	i) WORK DONE BY CONSTANT FORCE ii) WORK ENERGY THEOREM iii) COME iv) POTENTIAL ENERGY & EQUILIBRIUM v) POWER	THERMODYNAMIC & THERMOCHEMISTRY 1 & 2	i) INTERNAL ENERGY ii) FIRST LAW iii) ENTHALPY iv) CONDITION FOR SPONTAEINITY v) ENTROPY vi) FAMOUS EX. OF ENTROPY CHARGES vii) GIBBS ENERGY	EXCRETORY PRODUCTS AND THEIR ELIMINATION (EXCRETORY SYSTEM) 1	NCERT XI (PAGE NO 290-295)
15-Jun	Tuesday	ELECTROSTATICS 1	i) ELECTRIC FLUX ii) GAUSS LAW iii) ELECTRIC FIELD DUE TO CONDUCTING & NON-CONDUCTING SPHERE	THERMODYNAMIC & THERMOCHEMISTRY 3	i) ENTHAPLY OF FORMATION ii) ENTHALPY OF COMBUSTION iii) BOND ENERGY	EXCRETORY PRODUCTS AND THEIR ELIMINATION (EXCRETORY SYSTEM) 2	NCERT XI (PAGE NO 296-301)
16-Jun	Wednesday	ELECTROSTATICS 2 & 3	i) ELECTRIC FIELD DUE TO WIRE & SHEET ii) ELECTRIC FIELD DUE TO CONCENTRIC METALLIC SHELLS iii) ELECTRIC POTENTIAL ENERGY) iv) ELECTRIC POTENTIAL DUE TO VARIOUS CHARGE DISTRIBUTION v) RELATION BETWEEN ELECTRIC FIELD & POTENTIAL	CHEMICAL KINETICS 1	i) INTRODUCTION OF CHEMICAL KINETICS ii) RATE OF REACTION(R.O.R) , RATE OF FORMATION (R.O.F) , RATE OF DECOMPOSITION (R.O.D) iii) NUMERICALS BASED ON R.O.F , R.O.D , R.O.R iv) ORDER OF REACTION FROM RATE LAW v) UNIT OF RATE CONSTANT vi) NUMERICALS BASED ON RATE LAW (PART-1)	LOCOMOTION & MOVEMENT 1 ANIMAL KINGDOM (ANIMAL DIVERSITY) 1	NCERT XI (PAGE NO 302-314) NCERT XI (PAGE NO 46-62)
17-Jun	Thursday	ELECTROSTATICS 4	i) ELECTRIC DIPOLE ii) ELECTRIC POTENTIAL DUE TO CONCENTRIC METALLIC SHELLS iii) CARRITY INSIDE CONDUCTORS iv) MOTION OF CHARGE PARTICLE IN ELCTRIC FIELD	CHEMICAL KINETICS 2 & 3	i) REMAINING NUMERICALS BASED ON RATE LAW (PART-2). ii) CONCEPT OF SIMPLE AND COMPLEX REACTION. iii) PROBLEM BASED ON COMPLEX REACTION. iv) DIFFERENT EQUATION OF ZERO AND FIRST ORDER REACTION. v) NUMERICALS BASED ON ZERO AND FIRST ORDER REACTION vi) PRESSURE BASED FIRST ORDER RATE CONSTANT PROBLEM vii) COLLISION THEORY viii) RELATIONSHIP BETWEEN ΔH AND ACTIVATION ENERGY ix) TEMP. COEFFICIENT CONCEPT x) ARRHENIUS EQUATION AND PROBLEMS BASED ON IT	EARTHWORM, COCKROACH, FROG 1	NCERT XI (PAGE NO 107-115)
18-Jun	Friday	GRAVITATION 1	i) VARIATION OF ACCELERATION DUE GRAVITY	SOLUTION 1	i) CONCENTRATION TERMS ii) IDEAL AND NON-IDEAL SOLUTION	EARTHWORM, COCKROACH, FROG 2	NCERT XI (PAGE NO 116-122)
19-Jun	Saturday	GRAVITATION 2 & 3	i) GRAVITATIONAL POTENTIAL ENERGY+ESCAPE VELOCITY ii) KEPLARS LAWS	SOLUTION 2	i) COLLIGATIVE PROPERTIES OF DILUTE SOLUTION :- (a) RELATIVE LOWRING IN VAPOUR PRESSURE (b) ELEVATION IN BOILING POINTS (ΔT_b) (c) DEPRESSION IN FREEZING POINTS (ΔT_f)	MORPHOLOGY OF FLOWERING PLANTS 1 & 2	NCERT XI (PAGE NO 65-73) NCERT XI (PAGE NO 74-83)
20-Jun	Sunday	CURRENT ELECTRICITY 1	i) KIRCHHOFF'S LAW ii) METER BRIDGE	SOLUTION 3	i) COLLIGATIVE PROPERTIES OF DILUTE SOLUTIONS:- (a) OSMATIC PRESSURE ii) ABNORMAL COLLIGATIVE PROPERTIES	ANATOMY OF FLOWERING PLANTS (PLANT ANATOMY) 1 & 2	NCERT XI (PAGE NO 84 - 92) NCERT XI (PAGE NO 93-99)
21-Jun	Monday	CURRENT ELECTRICITY 2	i) AMMETER & VOLTMETER ii) POTENTIOMETER	ELECTROCHEMISTRY 1 & 2	i) GALVANIC CELL ii) STANDARD ELECTRODE POTENTIAL AND STANDARD EMF OF CELL iii) ELECTROCHEMICAL SERIES (ECS) iv) NERNST EQUATION v) WORKDONE BY CELL AND ΔG vi) NUMERICALS ON NERNST EQUATION	SEXUAL REPRODUCTION IN FLOWERING PLANTS (LIFE CYCLE OF ANGIOSPERMS) 1	NCERT XII (PAGE NO 19-41)
22-Jun	Tuesday	CURRENT ELECTRICITY 3	I) HEATING EFFECT OF CURRENT	ELECTROCHEMISTRY 3	i) QUALITATIVE ASPECTS OF ELECTROLYSIS ii) ELECTROLYSIS IN AQUEOUS SOLUTION OF AN ELECTROLYTE iii) QUANTITATIVE ASPECTS OF ELECTROLYSIS iv) FARADAY's LAWS OF ELECTROLYSIS	REPRODUCTION IN ORGANISMS 1	NCERT XII (PAGE NO 3-18)
23-Jun	Wednesday	CAPACITOR 1 & 2	i) Q,V,E,C,U-SECTION & COMBINATION OF CAPACITORS ii) RC-CIRCUIT IN DC-SUPPLY	ELECTROCHEMISTRY 4	i) KOHLRAUSH'S LAW AND ITS APPLICATIONS	THE LIVING WORLD & BIOLOGICAL CLASSIFICATION (PLANT DIVERSITY) 1	NCERT XI (PAGE NO 1-28)
24-Jun	Thursday	MAGNETIC EFFECT OF CURRENT & MAGNETISM 1 & 2	i) MAGNETIC FIELD ON WIRE & LOOP ii) ACL (Force on charge)	SOLID STATE 1 & 2	i) UNIT CELL ii) THE SEVEN CRYSTAL SYSTEM iii) DESCRIPTION OF CUBIC UNIT CELL iv) DENSITY OF THE CRYSTAL v) NUMERICALS BASED ON DENSITY vi) CLOSE PACKING IN THREE DIMENSION vii) VOIDS IN CRYSTALS viii) NUMERICALS BASED ON VOIDS ix) POSTION OF THTRAHEDRAL AND OCTAHEDRAL VOIDS x) STUDY OF IONIC CRYSTALS(NaCL , CsCl) xi) SCHOTTKY & FRENKEL DEFECT	PLANT KINGDOM (PLANT DIVERSITY) 2 & 3	NCERT XI (PAGE NO 29-36) NCERT XI (PAGE NO 37-45)
25-Jun	Friday	**Part Syllabus TEST NO. 1**					