NEET CRASH COURSE

CLASS 11 - SYLLABUS

PHYSICS

1. UNIT & DIMENSIONS
2. VECTORS
3. MATHEMATICALTOOLS
4. ERRORS&MEASUREMENT
5. KINEMATICS
6. NEWTON LAWS OF MOTION & FRICTION
7. WORK POWER ENERGY & CIRCULARMOTION
8. SYSTEM OF PARTICLES (COM, MOMENTUM & COLLISION)
9. ROTATIONAL MECHANICS
10. CALORIMETRY, THERMAL EXPANSION & HEAT TRANSFER
11. KINETIC THEORY OF GASES & THERMODYNAMICS
12. GRAVITATION
13. ELASTICITY & FLUID STATICS
14. FLUID DYNAMICS
15. SIMPLE HARMONIC MOTION
16. MECHANICAL WAVES

CHEMISTRY

1. SOME BASIC CONCEPTS OF CHEMISTRY
2. STRUCTURE OF ATOM
3. STATES OF MATTER
4. CLASSIFICATION OF ELEMENTS & PERIODICITY IN PROPERTIES
5. CHEMICAL BONDING & MOLECULAR STRUCTURE
6. REDOX REACTION & EQUIVALENT CONCEPT
7. THERMODYNAMICS
8. THERMOCHEMISTRY
9. CHEMICAL EQUILIBRIUM
10. IONIC EQUILIBRIUM
11. HYDROGEN
12. S-BLOCKELEMENTS
13. P-BLOCKELEMENTS
14. CLASSIFICATION & NOMENCLATURE

15. GENERAL ORGANIC CHEMISTRY
16. ISOMERISM
17. HYDROCARBONS
18. ENVIRONMENTAL CHEMISTRY

BIOLOGY

1. THE LIVING WORLD, BIOLOGICAL CLASSIFICATION & PLANT KINGDOM
2. ANMIAL KINGDOM
3. MORPHOLOGY OF FLOWERING PLANTS
4. ANATOMY OF FLOWERING PLANTS
5. STRUCTURAL ORGANISATION IN ANIMAL - ANIMALTISSUE
6. STRUCTURAL ORGANISATION IN ANIMAL - COCKROACH
7. CELL-THE UNIT OF LIFE
8. BIOMOLECULES
9. CELL CYCLE AND CELL DIVISION
10. TRANSPORT IN PLANTS
11. MINERAL NUTRITION
12. PHOTOSYNTHESIS IN HIGHER PLANTS
13. RESPIRATION IN PLANTS
14. PLANTS GROWTH AND DEVELOPMENT
15. DIGESTION AND ABSORPTION
16. BREATHING AND EXCHANGE OF GASES
17. BODY FLUIDS AND CIRCULATION
18. EXCRETORY PRODUCTS AND THEIR ELIMINATION
19. LOCOMOTION AND MOVEMENT
20. NEURAL CONTROL AND COORDINATION
21. CHEMICAL COORDINATION AND INTEGRATION

CLASS 12 - SYLLABUS

PHYSICS

1. ELECTROSTATICS
2. CURRENT ELECTRICITY
3. CAPACITANCE
4. MAGNETIC EFFECT OF CURRENT & CLASSICAL MAGNETISM
5. ELECTROMAGNETIC INDUCTION
6. ALTERNATING CURRENT
7. GEOMETRICAL OPTICS
8. ELECTROMAGNETICWAVES & WAVE OPTICS
9. ATOMIC & NUCLEAR PHYSICS
10. SEMICONDUCTOR PHYSICS
11. COMMUNICATION SYSTEM
12. EXPERIMENTS

CHEMISTRY

1. SOLIDSTATE
2. SOLUTION
3. ELECTROCHEMISTRY
4. HALOGEN DERIVATIVES
5. ALCOHOL & ETHER
6. CARBONYL COMPOUNDS - ALDEHYDE & KETONES
7. CARBOXYLICACID & ITS DERIVATIVES
8. AMINES & OTHER NITROGEN CONTAININGCOMPOUNDS
9. CHEMICAL KINETICS
10. NUCLEAR CHEMISTRY
11. SURFACE CHEMISTRY
12. GENERAL PRINCIPLES & PROCESSES OF ISOLATION OF ELEMENTS
13. COODINATION COMPOUNDS
14. D - AND F - BLOCK
15. QUALITATIVEANALYSIS
16. AROMATIC COMPOUNDS
17. BIOMOLECULES & POLYMERS
18. CHEMISTRY IN EVERYDAY LIFE

BIOLOGY

1. REPRODUCTION IN ORGANISMS
2. SEXUAL REPRODUCTION IN FLOWERING PLANTS
3. HUMAN REPRODUCTION
4. REPRODUCTIVE HEALTH
5. PRINCIPLES OF INHERITANCE AND VARIATION
6. MOLECULAR BASIS OF INHERITANCE
7. EVOLUTION
8. HUMAN HEALTH AND DISEASES
9. STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION
10. MICROBES IN HUMAN WELFARE
11. BIOTECHNOLOGY: PRINCIPLES AND PROCESS
12. BIOTECHNOLOGY AND ITS APPLICATIONS
13. ORGANISMS AND POPULATION