

NAME OF THE POST- TGT (Science Medical)

Zoology: The living world and animal diversity, Animal Kingdom , Animal physiology , Cell biology , Genetics and Evolution ,Biology and human welfare ,Ecology and environment ,Biochemistry, Economic zoology, Developmental biology, Molecular biology.

Botany: The living world Plant diversity , Plant Kingdom, Plant physiology ,Cell biology , Plant anatomy , Molecular biology and Evolution , Plant biochemistry, Genetics , Ecology, Plant geography ,Plant biotechnology , Plant breeding, Biofertilizer.

Chemistry: Atomic structure Chemical bonding , Periodic table and Atomic properties , Chemistry of coordination compounds , Acids and bases , Oxidation and reduction , Thermodynamics and kinetic aspects of metal complexes, Non aqueous solvents , Metal ligand bonding in transition metal complexes, Bio inorganic chemistry , Silicones ,Phosphozenes

Carbon and its derivatives -structure and bonding , Mechanism of organic reactions, Hydrocarbons ,Stereochemistry of organic compounds ,Fats, Oils and detergents , Organic compounds of nitrogen , Heterocyclic compounds ,Carbohydrates, Amino acids ,Peptides, Proteins and Nucleic acids, Synthetic polymers.

Solid, liquid and gaseous states, Chemical kinetics ,Thermochemistry , Chemical thermodynamics , Chemical Equilibrium , Distribution law ,Electrochemistry , Quantum mechanics , Spectroscopy , Photochemistry, Solutions ,Dilute solution and Colligative properties, Phase Equilibrium, Colloidal State , Electrochemical cells