

Lab Technician Syllabus

Laboratory Technician Syllabus – English

- Verb.
- Tenses.
- Subject-Verb Agreement.
- Articles.
- Adverb.
- Error Correction.
- Comprehension.
- Fill in the Blanks
- Vocabulary.
- Antonyms.
- Synonyms.
- Sentence Rearrangement
- Unseen Passages.
- Grammar.
- Idioms & Phrases

Syllabus for Lab Technician – Chemistry

- The s – block elements.
- P-block elements – group 14 (carbon family).
- Organic chemistry
- Biomolecules.
- Solutions.
- Chemistry in everyday life.
- Polymers.
- Surface chemistry.
- Chemical equilibrium and acids-bases.
- Atomic structure.
- Classification of elements and periodicity in properties.
- Haloalkanes and haloarenes.
- Chemical bonding and molecular structure.
- States of matter: gasses and liquids.
- Stoichiometry.
- Organic compounds containing nitrogen.
- Organic compounds containing c, h, and o.
- Thermodynamics.
- P- block elements group 13 (boron family).
- Hydrogen and its Compounds.

- D and f block elements & coordination compounds.
- Environmental chemistry.
- Solid state.
- Electrochemistry and chemical kinetics.
- General principles of metallurgy.
- P-block elements.

Laboratory Technician Syllabus – Biology

- Genetics, Cytogenetics & Plant Breeding.
- Ecology & Environment.
- Mycology & Plant Pathology.
- Archegoniate.
- Viruses, Bacteria & Algae.
- Angiosperms Morphology Taxonomy & Embryology.
- Biochemistry & Plant Physiology.
- Biotechnology, etc.