

KCET SYLLABUS 2020

Exam will be held in the objective mode of the following topics :-

Physics Syllabus :

- Physical World & Measurement.
- The behaviour of Perfect Gas & Kinetic Theory of Gases.
- Thermodynamics.
- Practical Oriented Questions.
- Oscillations & Waves.
- Kinematics.
- Properties of Bulk Matter.
- Gravitation.
- The motion of system of Particles & Rigid Body.
- Work, Energy & Power.
- Laws of Motion.

Chemistry Syllabus :

- Hydrogen.
- Redox Reactions.
- Equilibrium.
- Organic Chemistry Some basic Principles and Techniques.
- Some p-Block Elements.
- S-Block Elements.
- Thermodynamics.
- Classifications of Elements and Periodicity in Properties.
- The structure of an Atom.
- Some Basic Concepts of Chemistry.
- Gases and Liquids.
- Chemical Bonding and Molecular Structure.
- Practical Oriented Questions.
- Environment Chemistry.
Hydrocarbons.

Mathematics Syllabus :

- Algebra.
- Trigonometry.
- Two-dimensional Coordinate Geometry.
- Three-dimensional Coordinate Geometry.
- Probability.
- Vectors.
- Statistics.
- Differential Calculus.
- Integral Calculus.
- Ordinary Differential Equations.

- Linear Programming.

Biology Syllabus :

This section consists of both Botany & Zoology Syllabus.

Some major Botany Topics are :

- Cell Biology & Genetics.
- The diversity of Plant life on earth.
- Histology & Plant Anatomy.
- Introduction to Ecology & Taxonomy.

The Zoology section consists topics like :

- Tissues of Humans.
- Nervous System.
- Circulation.
- Digestion.
- Respiration.
- Human Reproduction.
- Origin of Life.
- Animal Resources & Human Welfare Dairy.
- Organic Evolution.
- Development Biology.
- Study of the Cell.
- Cell Division.
- The diversity of Animal Life.