KCET SYLLABUS 2021

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 if 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 & Periodicity in Properties.
The structure of an Atom.
Some Basic Concepts of Chemistry.
Gases and Liquids.
Chemical Bonding & 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.
- Organic Evolution.
- Development Biology.
- Study of the cell.
- Cell Division.
- The diversity of Animal Life.