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MANET CET Syllabus

Physics

- Fundamentals of Physics
- Electromagnetic Induction
- Electrostatics
- Oscillations and waves
- Current electricity
- Gravitation
- Rotational motion
- Laws of motion
- Atoms and Nuclei
- Work, energy and power.
- Kinematics
- Measurement and
- Thermodynamics

Mathematics

- Sets, relations and functions
- Matrices and determinants
- Integral Calculus
- Differential Equation
- Three-dimensional geometry
- Coordinate geometry
- Vector algebra
- Statistics
- Trigonometry

- probability

Chemistry

- **Organic Chemistry**
 - Purification and characterization of organic compounds
 - Hydrocarbons
 - Practical Chemistry principles
 - Biomolecules
 - Basic principles of organic chemistry
- **Inorganic Chemistry**
 - Block elements
 - coordination compounds
 - Environmental chemistry
 - General principles and isolation of metals
 - Classification of elements
- **Physical Chemistry**
 - Basic principles and concepts of chemistry
 - States of matter
 - Atomic Structure
 - Chemical bonding and molecular structure
 - chemical kinetics and surface chemistry

English

- Functional Knowledge
- Literature (Flamingo and Vistas)
- Grammar

General Knowledge

- Current affairs

- Indian History
- Geography
- Polity