ONE PAGE SUMMARY

Competitive Exams › State Government Exams › TNPSC

General Science

Master General Science for TNPSC Success!

DEFINITION

> General Science in TNPSC covers fundamental scientific concepts and principles relevant to daily life and competitive exams. It includes topics from physics, chemistry, biology, and environmental science.

KEY CONCEPTS

Scientific Method

A systematic approach to problem-solving that involves observation, hypothesis, experimentation, and conclusion.

Human Body Systems

Understanding the major systems like circulatory, respiratory, and digestive, and their functions.

Basic Chemistry

Covers elements, compounds, reactions, and the periodic table, focusing on their properties and interactions.

Physics Principles

Includes concepts like force, energy, motion, and laws of thermodynamics that explain physical phenomena.

Environmental Science

Studies the relationship between living organisms and their environment, including topics like pollution and conservation.

EXAMPLES

→ Photosynthesis process in plants

→ Newton's laws of motion in daily life

→ Chemical reactions in cooking

MEMORY TIPS

★ Use the acronym 'HEMP' for Human body systems: Heart, Endocrine, Muscular, and Pulmonary.

★ Remember 'PES' for Physics: Potential, Energy, Speed.

★ Visualize the periodic table as a 'map' of elements.

COMMON MISTAKES

✗ Confusing similar scientific terms, like 'mass' and 'weight'.

✗ Overlooking the importance of units in measurements.

✗ Neglecting to relate concepts to real-world applications.

QUICK RECAP

General Science is essential for TNPSC, covering key scientific principles across various fields. Focus on understanding concepts and their applications to excel in exams.