

LEAP, NIT Puducherry

Monthly Test Plan

Date: 26 October, 2025 (Sunday)

Duration: 2 hours

Total No. of **Questions:** 60

Physics – 20

Chemistry – 20

Mathematics – 20 or Botany + Zoology – 10+10 = 20

Syllabus:

Class \ Subject	Physics	Chemistry	Biology	Mathematics
Class 11	1. Units and dimensions 2. Vectors 3. Motion in 1D (Kinematics)	1. Atomic Structure. 2. Thermodynamics	1. Plant kingdom 2. Animal kingdom 3. Plant growth & development 4. Morphology of flowering plants	Sets Relations Functions Trigonometry
Class 12	1. Electrostatics 2. Current Electricity	Haloalkanes Alcohols Phenols	1. Sexual reproduction in flowering plants. 2. Human reproduction. 3. Human health and disease. 4. Molecular basis of inheritance.	1. Relations & Functions 2. Inverse trigonometric functions (ITF) 3. Limits 4. Continuity and Differentiability.

Question Pattern:

15 MCQs + 5 Numerical Answer Type (NAT) = 20(per subject)

Marking Scheme:

Correct Answer = +4

Incorrect Answer = -1

Un-attempted Qs = 0

TOTAL: 240 Marks

Revise theory and practice variety of problems.

***** ALL THE BEST !! *****