



futureminds

Syllabus IPU-LEET

MECHANICS	25%
MATHEMATICS	25%
APPLIED PHYSICS	25%
REASONING	25%

150

**Total
Questions**

-VE

**Negative
Marking**

75+

**Excellent
Performance**

Mechanics

- 1.INTRODUCTION TO MECHANICS
- 2.LAWS OF FORCES
- 3.FORCE SYSTEM
- 4.MOMENTS
- 5.LAW OF MOTION
- 6.FRICTION
- 7.PROJECTILE MOTION
- 8.CENTRE OF GRAVITY
9. MOMENT OF INERTIA OF P.A
10. SIMPLE LIFTING MACHINE

Mathematics

- 1.ALGEBRA
- 2.VECTOR ALGEBRA
- 3.COORDINATE GEOMETRY
- 4.TRIGONOMETRY
- 5.INTEGRAL CALCULUS
- 6.DIFFERENTIAL CALCULUS
- 7.PARTIAL DIFFERENTIATION
- 8.SOLUTION OF ORDINARY

Applied Physics

1. MEASUREMENTS
2. CIRCULAR MOTION
3. SIMPLE HARMONIC MOTION
4. HEAT
5. PROPERTY OF MATERIAL
6. ATOMIC STRUCTURE
7. PARTIAL DIFFERENTIATION
8. SOLUTION OF ORDINARY

Reasoning

- 1. VERBAL REASONING
- 2. ANALYTICAL REASONING
- 3. NON VERBAL REASONING



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