

# 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



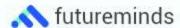
### **Mathematics**

- 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

