

# PART TEST – 3

## PATTERN – JEE ADVANCED

### MATHEMATICS

#### SYLLABUS

- Relations and Functions
- Inverse Trigonometric Functions
- Matrices and Determinants
- Continuity and Differentiability
- Applications of Derivatives

### PHYSICS

#### SYLLABUS

- Electric Charges and Field
- Electrical Potential and Capacitance
- Current Electricity
- Moving charges and Magnetism
- Semiconductor Electronics
- Communication Systems

### CHEMISTRY

#### SYLLABUS

- Solid States
- Solutions
- Electrochemistry
- Chemical Kinetics, Nuclear Chemistry
- Surface Chemistry
- General Principles and Processes of Isolation of Elements