# **EXADEMY**

## **UPSC Mathematics Optional**

## **Book List**

#### **PAPER I**

### 1. Linear Algebra

- A. A.R. Vashishtha
- B. Schaum's Outline
- C. K.C. Prasad
- D. K.B. Dutta

#### 2. Calculus

- A. Krishna Series
- B. S.C. Mallik
- C. Shanti Narayan

#### 3. Analytic Geometry

- A. P.N. Chatterjee
- B. Shanti Narayan
- C. D.K. Jha
- D. H.C. Sinha

### 4. Ordinary Differential Equations

- A. M.D. Raisinghania
- B. N.P. Bali

#### 5. Statics & Dynamics

- A. Krishna Series
- B. A.R. Vashistha
- C. M.Ray

### 6. Vector Analysis

- A. A.R. Vashistha
- B. Shaum's Outline
- C. Shanti Narayan

#### **PAPER II**

#### 1. Modern Algebra

- A. A.R. Vashistha
- B. Vijay Khannna
- C. Joseph Gallian

## 2. Real Analysis

- A. Shanti Narayan
- B. Royden

## 3. Complex Analysis

- A. Shaum's Outline
- B. G.K. Ranga Nath

### 4. Linear Programming

- A. Krishna Series
- B. SD Sharma

#### 5. Partial Differential Equations

A. M.D. Raisinghania

### 6. Numerical Analysis & Computer Programming

- A. S.S. Shashtri
- B. V. Rajaraman

### 7. Mechanics & Fluid Dynamics

- A. A.P. Mathur
- B. Azzarof Lenoid
- C. Krishna Series
- D. M.D. Raisinghania

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