

HTET TGT Maths Syllabus – Topic Wise (Detailed)**◆ 1. Number System**

- Natural Numbers, Whole Numbers
- Integers
- Rational & Irrational Numbers
- Real Numbers
- HCF & LCM
- Laws of Exponents

✦ *Tip: NCERT Class 6–8 के उदाहरण जरूर पढ़ें।*

◆ 2. Algebra

- Algebraic Expressions
- Linear Equations (One & Two Variables)
- Polynomials
- Factorization
- Simple Identities

✦ *HTET में अक्सर Concept-Based प्रश्न पूछे जाते हैं।*

◆ 3. Geometry

- Lines & Angles
- Triangles (Properties & Congruence)
- Quadrilaterals
- Circles
- Construction (Basic Concepts)

✦ *Diagram-based thinking बहुत जरूरी है।*

◆ 4. Mensuration

- Perimeter & Area
- Surface Area & Volume
- Practical Geometry

✦ *Formula + Application दोनों पर ध्यान दें।*

◆ **5. Arithmetic**

- Percentage
- Ratio & Proportion
- Profit & Loss
- Simple Interest
- Average

✦ *Short Tricks से ज़्यादा Concept पर फोकस करें।*

◆ **6. Statistics & Data Handling**

- Mean, Median, Mode
 - Bar Graph
 - Pie Chart
 - Probability (Basic Level)
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◆ **7. Mathematics Pedagogy (Teaching Methodology)**

- Mathematics Teaching Objectives
- Learning Difficulties in Maths
- Error Analysis
- Teaching Aids
- Evaluation & Assessment
- Child-Centered Learning

👉 **Pedagogy से 10-15 प्रश्न लगभग हर बार आते हैं।**

NCERT Classes for HTET TGT Maths

- Class 6 Mathematics
- Class 7 Mathematics
- Class 8 Mathematics

✦ *NCERT आपकी Primary Book होनी चाहिए।*