

SYLLABUS FOR TALENT-CUM-SCHOLARSHIP TEST (TST) - 2026

"Empowering Young Minds • Recognizing Talent • Building the Future"

Question Paper Pattern

- MCQ type questions with negative marking for incorrect responses.
- Mathematics: 30 Questions | Science: 40 Questions | General Knowledge: 30 Questions
- Priority Order: Mathematics > Science > General Knowledge

CLASS 8

Subject	Topics
Mathematics	Chapter 1: Rational Numbers Chapter 2: Linear Equations in One Variable Chapter 3: Understanding Quadrilaterals Chapter 4: Data Handling Chapter 5: Squares and Square Roots Chapter 6: Cubes and Cube Roots Chapter 7: Comparing Quantities Chapter 8: Algebraic Expressions and Identities Chapter 9: Mensuration
Science	Chapter 1: Micro-Organisms: Friend and Foe Chapter 2: Coal and Petroleum Chapter 3: Conservation of Plants and Animals Chapter 4: Reproduction in Animals Chapter 5: Sound Chapter 6: Food Production and Management Chapter 7: Combustion and Flame Chapter 8: Chemical Effects of Electric Current Chapter 9: Force and Pressure

CLASS 9

Subject	Topics
Mathematics	Unit-I NUMBER SYSTEMS 1. Real Numbers Unit-II ALGEBRA 1. Polynomials 2. Linear Equations in Two Variables Unit-III COORDINATE GEOMETRY Unit-IV GEOMETRY 1. Introduction to Euclid's Geometry 2. Lines and Angles 3. Triangles 4. Quadrilaterals 5. Circles Unit-V MENSURATION 1. Areas 2. Surface Areas and Volumes
Science	Section - I (Physics) Unit-I: Motion Unit-II: Force and Laws of Motion Unit-III: Floatation Unit-IV: Gravitation

Unit-V: Work, Energy and Power
Section – II (Chemistry)
Unit-I: Matter in our Surrounding
Unit-II: Is Matter around us Pure
Unit-III: Atoms and Molecules
Section – III (Biology)
Unit-I: The Fundamental Unit of Life
Unit-II: Tissues
Unit-III: Improvement in Food Resources

CLASS 10

Subject	Topics
Mathematics	UNIT-I NUMBER SYSTEMS 1. Real Numbers UNIT-II ALGEBRA 1. Polynomials 2. Pair of Linear Equations in Two Variables 3. Quadratic Equations 4. Arithmetic Progressions UNIT-III COORDINATE GEOMETRY UNIT-IV GEOMETRY 1. Triangles 2. Circles UNIT-V TRIGONOMETRY 1. Introduction To Trigonometry 2. Trigonometry Identities 3. Heights and Distances
Science	Section – I (Physics) Unit-I: Light-Reflection and Refraction Unit-II: The Human Eye and the Colorful World Unit-III: Electricity Section – II (Chemistry) Unit-I: Chemical Reactions and Equations Unit-II: Carbon and its Compounds Unit-III: Metals and Non-metals Section – III (Biology) Unit-I: Life Processes Unit-II: Control and Coordination Unit-III: How do Organisms Reproduce Unit-IV: Heredity

General Knowledge (GK) Syllabus

For Classes VIII, IX & X

Topics Covered

- ✓ Basic History of Jammu & Kashmir
- ✓ Geography of Jammu & Kashmir
- ✓ Culture and Traditions of Jammu & Kashmir
- ✓ Political Structure and Administration
- ✓ Current Affairs (Regional, National & International)
- ✓ Famous Personalities of Jammu & Kashmir and India
- ✓ Religious and Heritage Sites
- ✓ Basic Environmental Issues and Conservation
- ✓ Basic Computer Knowledge
- ✓ Common Abbreviations and Important National & International Days