

## **A. Syllabus Aim**

The syllabus for the entry test has been carefully revised and designed to guide candidates in achieving a strong foundational understanding of each subject before admission to TNF. It aims to create a balance between knowledge, comprehension, and practical skills, enabling students to become confident and capable learners as they progress in their education.

### **Math**

Rational numbers and decimal numbers, Simplifications, Set (Types of sets, Operation on sets, Rate, Ratio, and Proportions (Direct and inverse), Financial Arithmetic (Profit, loss, tax, and discount, etc.), Squares and Square roots, Number Sequence (Arithmetic Sequence), Expressions, equations, Polynomials, types of Polynomials, addition, subtraction, product of the polynomials, Expansion and factorization of polynomials, Distance, Speed, and Time, Perimeter and areas of square, rectangle, circle, etc, Frequency distribution, Calculation of probability of simple events, Mean, Median, and Mode of Ungrouped Data.

### **English**

MCQ, Fill in the Blanks, Question /Answers, Translation English to Urdu and Urdu to English, words meaning and sentences, Application, story, Essay, Letter ,

( 7<sup>th</sup> Class Punjab Text Book )

### **اردو**

واحد جمع

مذکر مؤنث

الفاظ متضاد

الفاظ مترادف

درخواست نویسی

کہانی نویسی

محاورات کا جملوں میں استعمال، کلمہ اور اس کی اقسام تفصیلاً