

USMAN PUBLIC SCHOOL SYSTEM

ENTRANCE TEST SYLLABUS FOR THE YEAR 2025-2026

CLASS VIII

ENGLISH:

- Paragraph comprehension through question answer
- Story or paragraph writing on certain topic or using given picture / letter/ application
- Articles, pronouns, prepositions, adjectives, tenses, voice and narration

اردو:

- عبارت پڑھ کر سوالات کے جوابات تحریر کرنا
- دیے گئے عنوان یا تصویر پر کہانی یا مضمون تحریر کرنا۔ اشعار کی تشریح
- محاورات اور ضرب الامثال۔ واحد جمع۔ الفاظ ضد
- مرکب اضافی و توصیفی۔ سابقہ والا حقہ

MATHEMATICS:

- Simplification of linear expression with fractional coefficient
- Conversion of unit of area and volume
- Area & Perimeter of plane figures (square, triangle, rectangle, circle)
- Approximation & Estimation
- Relation between percentage, fraction and decimal
- Express one quantity as a percentage of another quantity
- Find percentage, increase or decrease in percentage
- Construction of equation or formula
- Applications of linear equations (word prob)
- Volume & Surface Area of Cube, Cuboids and Cylinder
- Set (complement, union, intersection, power set, subset)

SCIENCE:

- **System of body:** Human transport system, Digestive system, Respiratory system
- **Plant's Reproduction:** Parts of flower, germination and pollination
- **Feeding relationship:** producers, consumers, decomposers, food chain and food web
- **Atoms:** particles of atoms, filling of electrons in shells, atomic number and mass number chemical formula
- **States of matter:** solid liquid and gas, physical and chemical changes
- **Heat:** modes of transfer of heat
- **Dispersion of light:** Refraction, spectrum, lenses and its types
- **Electric current:** conductors and insulators, simple circuit, series and parallel circuit

Note: The recommended books of Science and Math are Sindh textbook board, New Edition book for class VII. Definitions, explanations, differences, comparisons, diagrams, drawing and labeling, true and false, fill in the blanks, reasoning questions etc. from the above-mentioned topics, should be focused in science.