

Generation's School

... a happy place to learn

Admissions 2021

Assessment Guidelines

Grade IX

1) The child should be able to:

Read unabridged novels, short stories and plays with comprehension.

Understand and **speak** English / Urdu confidently.

Read and **comprehend** unseen passages.

Type of questions:

- Literal
- Inferential
- Evaluative
- Vocabulary

Write a summary.

Spell accurately the range of vocabulary used.

Write an essay with accuracy of language, effective vocabulary and varied sentence structure, of about 250 – 300 words, in **(English and Urdu)**, on a given topic that can engage and sustain the interest of the reader.

2) Mathematics

Real numbers

Whole numbers

Fractions and Decimals

Conversions

Basic geometrical concepts and properties

Algebra

Perimeter and area of simple geometrical figures

Volume and surface area, density

Arithmetical problems (percentages only)

Angle properties of triangles and quadrilaterals

Ratio, rate and proportion

Arithmetical problems

Simultaneous equations

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3) Science

Biology

- Cell structure: animal & plant (their differences and similarities)
- Photosynthesis and Respiration
- Ecosystem (Food chain, Food web, Food pyramid)
- Organ systems (Digestive, respiratory, circulatory)

Chemistry

- Atomic Structure and Periodic Table
- Bonding (ionic and covalent)
- Acid and alkalis
- Different types of reactions
- Identification Test for Carbon dioxide and Hydrogen

Physics

- Units and Measurement
- Mass, weight and density
- Forces (Contact, non-contact)
- Relationship b/w force, mass and acceleration (Newton Laws of motion)
- Pressure

$$P = F/A \quad [\text{Effect of force and area on Pressure}]$$

Note: It is important that the child comes for the test on time and carries complete stationery (Pen, pencil, erasers, etc.) as well as geometrical instruments (a pair of compasses, protractor).

Sample papers available on the website www.generations.edu.pk