



# SAI International School



## SAI Scholarship Entrance Test (SET) - 2024

Class - VIII

### Syllabus

PATTERN OF SET FOR CLASS VIII		
Total No. of Questions:100		Time: 75 Mins
Subject	Question Number	Number of Questions
English	1 to 25	25
Mathematics	26 to 50	25
General Science	51 to 60	25
Reasoning	61 to 100	25

### ENGLISH

Reading-Comprehension Passage

Writing:

1. Formal Letter
2. Report Writing
3. Story Writing
4. Paragraph Writing.

Grammar:

1. Idioms
2. Transitive and Intransitive
3. Prefix and Suffix
4. Phrases and Homophones
5. Clauses
6. Tenses

7. Adjectives
8. Adverbs
9. Prepositions
10. Articles.

## **MATHEMATICS**

1. Integers
2. Fractions and Decimals
3. Data Handling
4. Simple Equations
5. Lines and Angles
6. The Triangle and Its Properties
7. Comparing Quantities
8. Rational Numbers
9. Perimeter and Area
10. Algebraic Expressions
11. Exponents and Powers
12. Symmetry
13. Visualising Solid Shape

## **GENERAL SCIENCE**

Physics:

1. Electricity and Simple Circuit
2. Light and Associated Phenomenon
3. Heat and Temperature
4. Time and Motion
5. Windstorm and Cyclone

## Chemistry:

1. Matter and Chemical Formulae
2. Acids, Bases and Salts
3. Physical and Chemical Changes
4. Animal Fibres
5. Soil : A Natural Resource
6. Wastewater Management

## Biology:

1. Transportation and Excretion
2. Reproduction in Plants and Weather
3. Climate and Adaptation
4. Nutrition in Plants and Animals
5. Respiration in Organism

## **REASONING and APTITUDE**

Verbal and Non-verbal Reasoning