

PAKISTAN INTERNATIONAL SCHOOL QATAR

Senior Wings

Session: 2023-2024

**Test Portion/ Syllabus
for Admission to Test Grade: IX**

**Subject: Science
(Grade VIII- Standard)**

(MCQs / Short Questions and Long Questions)

Topics:

i) Work and Energy

(Work, energy, Potential Energy and its types, Kinetic Energy and its types).

ii) Production in Plants

(Pollination, Fertilization, Seeds and fruits, Germination).

iii) Reactions of Metals

(Properties of Metals, Reaction of Metals with Water, Acids and Air).

iv) Water

(The water Cycle, Water Pollution, Sewage treatment and Uses of Water).



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Session: 2023-2024

**Test Portion/ Syllabus
for Admission Test to Grade IX**

**Subject: G. Science
(Grade 8 Standard)**

(MCQs / Short Questions and Long Questions)

- Topics:**
- 1- Work and Energy**
 - 2- Metals and Non Metals**
 - 3- Pollination and its Types**
 - 4. Water cycle and water pollution.**
 - 5. Cell and Organelles.**
 - 6- Microbes, useful and harmful microbes.**
 - 7- Digestive System.**
 - 8- Environment, acid rain and its effects on the environment.**



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**Test Portion/ Syllabus
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**Subject: English
(Grade VIII- Standard)**

1. **Parts of Speech: (Identification & Usage)**
2. **Use of Punctuation Marks**
3. **Kinds of Conditional Sentences and Conversions**
4. **Tenses (Identification and use of appropriate verb)**
5. **Change of Voice: Active/Passive (All Present Tenses)**
6. **Letter/ Email Writing**
7. **Paragraph Writing**
8. **Reading Comprehension (Prose and Poetry)**



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**Test Portion/ Syllabus
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**Subject: Mathematics
(Grade VIII- Standard)**

- i. Concept of Percentage, Ratio and Proportion.**
- ii. Operations on Polynomials (Addition, Subtraction, Multiplication and Division)**
- iii. Concepts of Exponents**
- iv. Area (Square, Rectangle, Triangle, Circle)**
- v. Basic Geometry and Algebra.**
- vi. Factorization**
- vii. Solution of linear Simultaneous equations.**
- viii. Simplification of Algebraic Expressions using BODMAS rule.**



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Test Portion/ Syllabus
for Admission Test to Grade IX

Subject: Urdu
(Grade VIII- Standard)

1- الفاظ و محاورات کی جملہ سازی

2- الفاظ کے متضاد/ واحد کے جمع/ مذکر مونث/ سابقہ لاحقے

3- غلط فقرات کی درستی

4- تفہیم عبارت

5- تفہیم نظم

6- روداد نویسی
