

PAKISTAN ISLAMIA HIGHER SECONDARY SCHOOL, SHARJAH

Syllabus for Admission Test

Session 2024 – 25

Class 9

ENGLISH

Topics:

1. Comprehension (unseen)
2. Paragraph writing (unseen) (60 -70 word)
3. Letter writing (Formal or Informal)
4. Active & passive voice
5. All tenses
6. All parts of speech
7. Narration (Direct/Indirect)
8. Punctuation

MATHEMATICS

NUMBERS SYSTEM:

- Matrices (Addition & Multiplication)
- Square root and Cube root (1-50)

ALGEBRA:

- Simultaneous Linear Equations
- Algebraic Fractions (Addition, Subtraction, Multiplication & Division)
- Algebraic Identities (square and cube of two terms)

GEOMETRY:

- Trigonometry
- Practical Geometry
- Area and Volume of Cylinder and Sphere

جماعت نہم (9)

الفاظ / متضاد - واحد / جمع - مذکر

مونث - الفاظ / جملے - سابقہ لاحقہ -

فعل اور اس کی اقسام - صفت - فعل

مجہول اور فعل معروف -

مضمون : مثال کے طور پر نظم و ضبط - تندرستی ہزار نعمت ہے -

درخواست : مثال کے طور پر مدیر کے نام محلہ صفائی کی درخواست

خط : مثال کے طور پر والد کی خیریت دریافت کرنے کے لیے دوست کے نام خط

کہانی : - مثال کے طور پر ضرورت ایجاد کی ماں ہے

مکالمہ : مثال کے طور پر مریض اور ڈاکٹر کے درمیان مکالمہ

SCIENCE

Biology:

Photosynthesis and Respiration, definitions, reactants, products and differences.

Cell Division, Mitosis and Meiosis Biotechnology, products of biotechnology.

Human Organ System, Digestive, Respiratory, Circulatory and Nervous system.

Chromosomes, DNA, Genes, structure, functions and relation between them.

Chemistry

Chemical Equation, Chemical formula, Symbol, Element, Compound, Mixture, Acids, Bases and Salts, Atomic and Mass number, Conduction, Radiation and Convection, Pollution and pollutants.

Physics

Physical quantities, Measuring instruments, Velocity, Speed, Force, Pressure, Mass, Weight, Electric current, Circuits/types of circuit, Prefixes, Lenses/ types of lenses, Telescope and Spectroscope.