

SYLLABUS FOR CLASS-VIII

ENGLISH-VIII

Composition

- Essay Writing (100-120 words)
- Formal (Application) / Informal (letter writing) .

Applied Grammar

- Parts of Speech.
 - Punctuation.
 - Masculine and Feminine.
 - Degrees of adjectives.
 - Use of Articles / Preposition.
 - Use of Tenses.
 - Correction of Spelling.
 - Correction of Tenses and Sentences.
 - Converting Affirmative Statements into Negative Statements and Interrogative into Interrogative negative statements.
 - Translation from Urdu & English.
 - Direct / Indirect speech.
 - Active / Passive voice.
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MATHEMATICS-VIII

Arithmetic

Sets

Operation of :-

- Union of sets. , Intersection of sets.
- Difference of sets. , Complement of union, intersection and difference of two or more sets.

Fractions

- Proper and improper fraction. , Addition, subtraction, multiplication, and division of fractions.
- Conversion between fractions and decimals

Square Root

- To find square-root by factors.
- Descriptive questions based upon square root.

Ratio and Proportion

- Ratio and proportion.
- Direct and inverse proportion.
- Rates.
- Continued ratio.

Real Numbers

- Properties of Real Numbers.
- Addition, subtraction, multiplication & division of real numbers.

Algebraic Expressions

- Evaluation of algebraic expressions.
- Removing brackets.
- Ascending and descending orders.
- Addition, subtraction, multiplication and division of algebraic expressions.

Linear Equation

- Linear equation in one variable and its solution set.
- Application of equations in descriptive problems.

Geometry :-

Construction of :-

- Triangle, Rectangle, Parallelograms, Square with steps of construction

Circle

- To find the area of a circle. To find the circumference of a circle.
- To find radius / diameter of a circle.

GENERAL SCIENCE-VIII

- Types of Forces (Gravitational, Action & Reaction , Tension, Friction)
- Thermometer (Clinical, Maximum & Minimum)
- Temperature Scales (Conversion)
- Transfer of heat (Conduction , Convection, Radiation)
- Conductors and insulators
- Vacuum flask
- Solar and Lunar Eclipse
- Electromagnet and its Advantages .
- Electric Bell.
- Physical & Chemical Changes.
- Separating Mixtures (Evaporation, Filtration, Crystallization, Distillation, Chromatography) .
- Elements , Compounds and Mixtures .
- Transpiration in Plants.
- Structure and Working of Human Heart.
- Photosynthesis .
- Types of Reproduction and the Human Reproduction Process.
- Composition of Earth's Crust , Fossil Fuels .

GENERAL KNOWLEDGE-VIII

- United Nations Organization, Organization of Islamic Cooperation,
- South Asian Association for Regional cooperation
- Making of Pakistan, Pakistan Movement, Capital Cities of Major countries of the world.
- Neighbouring of Pakistan, Agriculture & natural resources of Pakistan

URDU-VIII

- ۱۔ کسی عنوان پر مضمون ۲۔ درخواست اور خط ۳۔ مذکر مؤنث ۴۔ واحد جمع
- ۵۔ محاوروں اور امثال کا جملوں میں استعمال ان کے معنی کے ساتھ
- ۶۔ اردو گرائمر : سابقہ لاحقہ ، مترادفات متضاد الفاظ وغیرہ
- ۷۔ اسم کی تعریف بمع اسم کی اقسام ، فاعل اور مفعول کی تعریف

ISLAMIAT-VIII

- ۱۔ مختصر سورت بمع اعراب و ترجمہ
- ۲۔ دیئے گئے عنوانات میں سے کسی ایک پر مختصر نوٹ