ENGLISH- (All questions are based on the prescribed syllabus for Class VII)

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.

MATHEMATICS (All questions are based on the prescribed syllabus for Class VII)

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 (All questions are based on the prescribed syllabus for Class VII)

- 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 (All questions are based on the prescribed syllabus for Class VII)

- 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 (All questions are based on the prescribed syllabus for Class VII)

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 (All questions are based on the prescribed syllabus for Class VII)

۱۔ مختصر سورت بمع اعراب وترجمہ

۲۔ دیئے گئے عنوانات میں سے کسی ایک پر مختصر نوٹ