

SYLLABUS OF ENGLISH

F.M. – 40

CLASS - IX

GRAMMAR - 20 (Marks)

Nominative absolute * Tag question * Transformation of sentence (Changing parts of speech) * Phrasal verb * Phrase and Idioms * Clause * Simple, complex and compound sentences, Gender * Verbal nouns * Error correction * Co-relatives * Determiners * Appropriate prepositions * Articles * Tense * Positive and negative sentences * Adjectives and degree changes * Participle adjectives * Voice changes * Use of prepositions * Use of Modal auxiliary * Use of Infinitive * Participle * Direct and Indirect speech * Joining * One word substitution * Use of Adverbs * Prefix and Suffix * Simple transformation of sentences.

COMPREHENSION - 10 Marks

Short question, * True, False * Fill in the blanks * Finding similar meaning * Cause and effect

WRITING & SPOKEN EXPRESSION - 10 (Marks)

Translation and situation based function like giving advice, stating preferences, discussing probability, making and offer etc. And classified Message, Formal letter instruction, Editorial letter format etc.

GENERAL SCIENCE (FM-20)

CLASS – IX

Physical Science

1. Measurements and units
2. Force and motion
3. Matter: structure and properties; pressure of liquid and air, Archimedes' principle, surface tension, viscosity, Elasticity.
4. Matter: Atomic structure, ;physical and chemical properties of matter
5. Solution
6. Acid, base, salts, water
7. Work , power , energy,
8. Heat: Calorimetry, work and heat, saturated and unsaturated vapour, humidity
9. Sound: source, propagation, properties, echo, characteristics of sound. Noise pollution.

Life Science :

1. Life and its diversity : basic principles of life, Taxonomy,
2. Levels of organization of life: Biomolecules and their behaviour, Cell, Tissue, major organs of human body and their function
3. Physiological process of life: Plant physiology, Respiration, Nutrition, Circulation, Excretion
4. Biology and human welfare: Immunity and human disease, microbes in human welfare
5. Environment and its resources: Ecology and ecological organization, Natural resources and its sustainable use

MATHEMATICS (FM - 40)

Class – IX

1. Real numbers
2. Laws of indices
3. Profit & loss
4. Graph
5. Laws of indices
6. Formation of equations from real problems
7. Logarithm
8. Theorems on concurrence
9. Height and distance
10. Area and perimeter of triangles, quadrilateral and circle
11. Frequency distribution
12. Set theory

Simple Reasoning – Series completion & inserting / coding-decoding / Logical Ven Diagram / Alpha numeric series / Embedded picture / picture formation / paper folding & cutting / Dice & cube