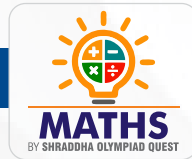


MATHEMATICS



TOTAL NO. OF QUESTIONS - 50 **TOTAL MARKS - 100**

SECTION - I ALGEBRA & ARITHMETICS

NO. OF QUESTIONS : 25 MARKS / QUESTION : 2 TOTAL MARKS : 50

Syllabus : Number System, Real Numbers, Polynomials, Linear Equation In Two Variables, Ratio & Proportion, Sets, Statistics, Probability, Financial Planning, co-ordinate Geometry

SECTION - II GEOMETRY

NO. OF QUESTIONS : 15 MARKS / QUESTION : 2 TOTAL MARKS : 30

Syllabus : Introduction To Euclid's Geometry, Basic Concepts In Geometry, Parallel Lines & Angles, Triangles, Quadrilaterals, Area Of Parallelogram & Triangles, Circles, Heron's Formula, Surface Area & Volumes, Trigonometry

SECTION - III ACHIEVER'S SECTION

NO. OF QUESTIONS : 10 MARKS / QUESTION : 2 TOTAL MARKS : 20

Syllabus : Higher Order Thinking Questions - Syllabus As Per Section - I & II

MAT



TOTAL NO. OF QUESTIONS - 50 **TOTAL MARKS - 100**

SECTION - I VERBAL

NO. OF QUESTIONS : 20 MARKS / QUESTION : 2 TOTAL MARKS : 40

Syllabus : Alpha Numeric : Number, Puzzle Test, Coding-decoding, Series Completion & Insertion, Analogy & Classification, Direction Sense Test, Blood Relations, Mathematical Operations, Logical Venn Diagram, Sequential Output Tracing, Alphabet Test & Logical

SECTION - II NON-VERBAL

NO. OF QUESTIONS : 20 MARKS / QUESTION : 2 TOTAL MARKS : 40

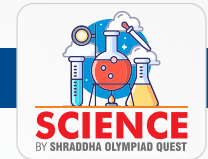
Syllabus : Analogy & Classification, Figure Matrix, Mirror & Water Images, Figure Formation & Analysis, Cubes & Dice, Dot Situation, Paper Folding & Paper Cutting, Analytical Reasoning, Grouping of Identical Figures

SECTION - III ACHIEVER'S SECTION

NO. OF QUESTIONS : 10 MARKS / QUESTION : 2 TOTAL MARKS : 20

Syllabus : Higher Order Thinking Questions - Syllabus As Per Section-I & II

SCIENCE



TOTAL NO. OF QUESTIONS - 50 **TOTAL MARKS - 100**

SECTION - I PHYSICS & CHEMISTRY

NO. OF QUESTIONS : 25 MARKS / QUESTION : 2 TOTAL MARKS : 50

Syllabus : Laws of Motion, Force & Laws of Motion, Work & Energy, Current Electricity, Reflection of Light, Study of Sound, Telescope, Gravitation, Thrust & Pressure, Atoms & Molecules, Matter In Our Surrounding, is Matter Around us Pure, Structure of Atom, Chemical Reactions & Equations, Carbon & It's Compounds, Periodic Classification of Elements, Acids, Base & Salts, Substance in Common Use

SECTION - II BIOLOGY

NO. OF QUESTIONS : 15 MARKS / QUESTION : 2 TOTAL MARKS : 30

Syllabus : Classification of Plants, Diversity In Living Organisms, Energy Flow In An Ecosystem, Natural Resources, Useful & Harmful Microbes, Why Do We Fall ill , Environmental Management, Information & Communication Technology, Life Process in Living Organisms, Heredity & Variation, Introduction To Biotechnology, Tissue, Improvement In Food Resources, Cell: The Fundamental Unit of Life

SECTION - III ACHIEVER'S SECTION

NO. OF QUESTIONS : 10 MARKS / QUESTION : 2 TOTAL MARKS : 20

Syllabus : Higher Order Thinking Questions-Syllabus As Per Section - I & II

ENGLISH



TOTAL NO. OF QUESTIONS - 50 **TOTAL MARKS - 100**

SECTION - I VOCABULARY & GRAMMAR

NO. OF QUESTIONS : 20 MARKS / QUESTION : 2 TOTAL MARKS : 40

Syllabus : Compound Word, Word Chain, Word Register, Homophones & Homographs, Parts of Speech, Tenses, Subject Verb Agreement, Change The Voice, Direct & Indirect, Question Tags, Degree of Comparison, Transformation of Sentences, Modals, Determiners, Auxiliary Verbs, Finite & Non Finite, Verbal & Wh-questions, Linking Verbs, Transitive & Intransitive verbs.

SECTION - II READING COMPREHENSION

NO. OF QUESTIONS : 20 MARKS / QUESTION : 2 TOTAL MARKS : 40

Syllabus : Passages, Summary, Punctuations, Spoken & Written Expression

SECTION - III ACHIEVER'S SECTION

NO. OF QUESTIONS : 10 MARKS / QUESTION : 2 TOTAL MARKS : 20

Syllabus : Higher Order Thinking Questions-Syllabus As Per Section - I & II