



Chavara Public School

An Institution Run by CMI Fathers Pala

Affiliated to Central Board of Secondary Education, Delhi - No. 930264

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APTITUDE TEST 2025-'26

Class VIII

Max. Marks: 60 Marks

Max. Time: 2 hrs

TOPICS FOR THE TEST

English (20 Marks)

1. Reading Comprehension
2. Writing
 - Letter Writing(Informal & Formal)
 - Story Writing
3. Grammar
Integrated Grammar based on
 - Tenses
 - Voice(Active & Passive)
 - Reported Speech
 - Determiners
 - Jumbled Words

Mathematics (20 Marks)

1. Decimal Numbers (All Operations)
2. Algebraic Expressions (Addition, Subtraction and Simplification)
3. Parallel and Intersecting Lines (Angles made by transversal)
4. Triangles (Angle Sum, Exterior angle Property and Inequality)
5. Fractions (All Operations)
6. Integers (All Operations)
7. Solving Equations.

Science (20 Marks)

CHEMISTRY

1. Exploring substances: Acidic, Basic and Neutral
 - a) Indicators - Natural, Synthetic and Olfactory
 - b) Neutralisation and its application in daily life.
2. The world of Metals and Non-metals
 - a) Physical and chemical properties of metals and non-metals.
 - b) Uses of metals and non-metals.
3. Physical and Chemical changes
 - a) Combustion
 - b) Combustible substance
 - c) Ignition temperature

BIOLOGY

- a) Different changes during the adolescence, Hormones
- b) cyber bullying
- c) Balanced social life
- d) Learn to Say, No to drugs
- e) Life processes such as Nutrition in plants and animals
- f) Human digestive system
- g) Rumination
- h) Breathing, Respiration
- i) Photosynthesis

PHYSICS

- a) Simple electric circuit and components
- b) Symbols of Components, Circuit diagrams
- c) Conduction, Convection and Radiation of heat and their applications
- d) Measurement of time, Simple pendulum
- e) Terms related to oscillation-Frequency & Time period.
- f) Speed - Formula and its application
- g) Uniform and non-uniform linear motion
- h) Reflection of light by a plane mirror
- i) Transparent, Translucent and Opaque objects
- j) Light travels in straight lines
- k) Shadow formation, Eclipses
- l) Pinhole camera, Periscope, Kaleidoscope