



## SYLLABUS FOR ADMISSION TEST (CLASS XI)-2020

**SCIENCE STREAM-** The candidate will be tested for Physics, Chemistry, Mathematics and English for PCM & for Physics, Chemistry, Mathematics (Basic), English for PCB.

PHYSICS (25 marks)

Topics: Motion, Force & Laws of motion, Work, Energy & Power, Electricity, Magnetic effects of current, Light-Reflection & Refraction

CHEMISTRY (25 marks)

Topics: Atoms & Molecules, Structure of Atom, Carbon & its compounds, Periodic classification of elements, Chemical reactions & equations.

MATHEMATICS (25 marks)

Arithmetic Progression, Linear & Quadratic equations, Trigonometry & its applications, Probability & Statistics, Co-ordinate Geometry (Distance & section formula).

ENGLISH (25 marks)

1. Writing: Letters, Notice, Paragraph writing
2. Grammar: Exercises on Editing, Active-Passive, Modals, Tenses

**COMMERCE STREAM( without Mathematics) :** The candidate will be tested for Simple Mathematics, Statistics and English.

MATHEMATICS & STATISTICS (50 marks)

MATHS: Percentage, Loss-Profit, Simple interest, VAT, Discount, Sales tax, depreciation, Simple equations in one variable.

STATISTICS: Mean, Median, Mode, Histograms, Pie Charts

ENGLISH (25 marks)

1. Writing: Letters, Notice, Paragraph writing
2. Grammar: Exercises on Editing, Active-Passive, Modals, Tenses

**Commerce Stream with Mathematics:** The Candidate will be tested for Mathematics and English. Syllabus for mathematics is same as that for Science Stream.

ENGLISH (25 marks)

1. Writing: Letters, Notice, Paragraph writing
2. Grammar: Exercises on Editing, Active-Passive, Modals, Tenses

**HUMANITIES STREAM:** The candidate will be tested for English.

ENGLISH (50 marks)

1. Writing: Letters, Notice, Paragraph writing
2. Grammar: Exercises on Editing, Active-Passive, Modals, Tenses