

SYLLABUS FOR MATRIC RECRUITS

<u>SL NO</u>	<u>SCIENCE</u>	<u>MATHEMATICS</u>	<u>ENGLISH</u>	<u>GENERAL AWARENESS</u>
01.	Nature of Matter, Universe (Planets / Earth / Satellites / Sun), Electricity and its applications	Mathematical Simplification, ratio, proportion, direct and indirect variation, Algebraic identities	Passage for Comprehension, Preposition. Change into Direct/Indirect speech	Geography : Soil, Rivers, Mountains, Ports, Inland Harbours, Sports : Championships / Winners / Terms / No of Players
02.	Force and Gravitation, Newton's laws, Motion, Relative velocity, Work, Energy and power	Linear equations and Polynomials, Simultaneous equations, Basic Trigonometry	Change into active/passive voice, Punctuation	Culture and Religion, Freedom Movement, Important National Facts about India, Heritage and Arts, Dance
03.	Heat – Transference / Fire / Temperature, Light, Elements, metals and non metals	Simple Mensuration, Logic and Missing patterns, Basic Set theory, Geometry	Determiners (Used of 'a', 'the', 'any' etc.), Use of Pronouns, Use of Adjectives	History, Defence, Wars and Neighbours, Awards and Authors, Discoveries, Diseases and Nutrition
04.	Carbon and its compounds, Food, nutrition and Health / Diseases, Physiology	Measures of central tendency (Average, Median and Mode)	Use of Verbs, Tenses, One word substitution	Current Affairs, Languages, Capitals and Currencies, Common Names, Full forms and Abbreviations
05.	Measurements in Science, Environment, Sound & Wave motion, Atomic structure	Interest, Profit, Loss and Percentage, Work, Time, Speed and Distance	Meaning of Difficult words, Opposite of words	Eminent Personalities, National : Bird / Animal / Sport / Flower / Anthem / Song / Flag / Monuments