

## SYLLABUS FOR MATRIC RECRUITS

<b>SER</b>	<b>SECTION A SCIENCE AND MATHEMATICS</b>	<b>SECTION B GENERAL AWARENESS</b>
01.	Nature of Matter, Universe (Planets/ Earth/ Satellites/ Sun), Electricity and its applications	Geography: Soil, Rivers, Mountains, Ports, Inland, Harbours
02.	Force and Gravitation, Newton's Laws Of Motion, Work, Energy and Power	Culture and Religion, Freedom Movement, Important National Facts about India, Heritage, Arts and Dance
03.	Heat, Temperature, metals and Non-Metals, Carbon and its Compounds, Measurements in Science, Sound & Wave Motion, Atomic Structure	History, Defence, Wars and neighbours, Awards and Authors, Discoveries, Diseases and Nutrition
04.	Mathematical Simplification, Ratio and Proportion, Algebraic Identities, Linear Equations and Polynomials, Simultaneous Equations, Basic Trigonometry	Current Affairs, Languages, Capitals and Currencies, Common Names, Full Forms and Abbreviations
05.	Simple Mensuration, Geometry, Measures of Central Tendency (Average, Median and Mode)	Eminent Personalities, National : Bird/Animal/Sport/Flower/Anthem/ Song/Flag/Monuments
06.	Interest, Profit, Loss and Percentage, Work, Time, Speed and Distance	Sports : Championships / Winners/ Terms/ Number of Players