Syllabus for Class XI Admission Test

(Medical & Non-Medical)

English :   Grammar – Tenses, Reported speech, Voice, Preposition, Determiners, Integrated Grammar

Maths (Only for Non-Medical, Medical/Commerce/ Humanities with Maths)

1. Quadratic Equations   2. Arithmetic Progressions   3. Application of Trigonometry
4. Surface Areas and Volumes   5. Statistics

Science

Physics

Chapter–12 :   Electricity :
Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors
and its applications in daily life.

Chapter–13 :   Magnetic effects of current :
Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule.

Chemistry

Chapter-4 :   Carbon and its compounds
Topics :   Covalent bonding in carbon compounds, Versatile nature of carbon, Homologous series

Chapter-5 :   Periodic Classification of Elements
Topics :   Need for classification ,Mendeleev's Periodic table),Modern's Periodic Table, gradation in properties, valency, atomic number, metallic and non-metallic properties

Biology

Chapter–8 :   Reproduction: Reproduction in animals (asexual) and plants (sexual and asexual)

Chapter–9 :   Heredity and Evolution
Heredity: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction

Chapter–15 :   Our Environment
                Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

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COMMERCE & HUMANITIES

English : Grammar – Tenses, Reported speech, Voice, Preposition, Determiners, Integrated Grammar

Maths (Only for Commerce with & without Maths / Humanities with Maths)

1. Quadratic Equations
2. Arithmetic Progressions
3. Application of Trigonometry
4. Surface Areas and Volumes
5. Statistics

Economics :   1. Money and Credit   2. Globalisation

Political Science :   1. Political Parties   2. Outcomes of Democracy

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Computer

Topic
Internet Basics
Internet Services
HTML (Tables , Linking , Images)

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