

CLASS XI ENTRANCE TEST SYLLABUS**SYLLABUS FOR MEDICAL ENTRANCE - SEPTEMBER - 2018****Science (Physics, Chemistry and Biology)**

IX	Motion, Force & laws of Motion, Gravitation Part I & II, Work & Energy, Sound Matter in our surrounding, Is matter around us pure, Atoms & Molecules, Structure of Atom, Improvement in food resources, Cell & tissues, Natural resources, Diversity in living organisms, Why do we fall ill
X	Electricity, Human Eye, Light, Chemical Reactions, Acids, Bases & salts, Metals & Non-Metals, Periodic classification of elements, Life processes, How do organisms reproduce

Mathematics

IX	Number System, Polynomial, Co-ordinate Geometry, Linear Equations in two Variables, Euclid's Geometry, Lines and Angles, Triangles, Quadrilateral, Area of parallelogram, Circles, Constructions, Heron's Formula, Surface area and volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Arithmetic Progression, Probability

SYLLABUS FOR NON MEDICAL ENTRANCE - SEPTEMBER - 2018**Science (Physics and Chemistry)**

IX	Motion, Force & laws of Motion, Gravitation Part I & II, Work & Energy, Sound Matter in our surrounding, Is matter around us pure, Atoms & Molecules, Structure of Atom
X	Electricity, Human eye, Light Chemical Reactions, Acids, Bases & salts, Metals & Non-Metals, Periodic Classification of elements

Mathematics

IX	Number System, Polynomial, Co-ordinate Geometry, Linear Equations in two Variables, Euclid's Geometry, Lines and Angles, Triangles, Quadrilateral, Area of parallelogram, Circles, Constructions, Heron's Formula, Surface area and volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Arithmetic Progression, Probability

SYLLABUS FOR COMMERCE ENTRANCE - SEPTEMBER - 2018**English**

IX+X	Based on IX and X Syllabus (Reading, Writing and Grammar)
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Economics

IX+X	Story of Palampur, People as Resource, Poverty as a challenge, Food Security, Development, Sectors of Indian Economy, Money and Credit, Globalization, Consumer Rights
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Mathematics

IX	Number System, Polynomial, Co-ordinate Geometry, Linear Equations in two Variables, Euclid's Geometry, Lines and Angles, Triangles, Quadrilateral, Area of parallelogram, Circles, Constructions, Heron's Formula, Surface area and volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Arithmetic Progression, Probability

Mental Ability (FOR ALL)

	Mental Aptitude
	Coding & Decoding.
	Number Series.
	Reasoning