

CLASS XI ENTRANCE TEST**SYLLABUS FOR MEDICAL ENTRANCE - DECEMBER - 2017****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, Sources of energy, Light, magnetism, Chemical Reactions, Acids, Bases & salts, Metals & Non-Metals, Periodic classification of elements, carbon & its compounds, Life processes, Control & co-ordination, How do organism reproduce, Heredity & evolution, Environment Management of natural resources.

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, surface area and volume, circles, area related to circles, application of trigonometry, co-ordinate geometry

SYLLABUS FOR NON MEDICAL ENTRANCE - DECEMBER - 2017**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, Sources of energy, Light, magnetism Chemical Reactions, Acids, Bases & salts, Metals & Non-Metals, Periodic Classification of elements carbon & its compounds

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, surface area and volume, circles, area related to circles, application of trigonometry, co-ordinate geometry

SYLLABUS FOR COMMERCE ENTRANCE - DECEMBER - 2017**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
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X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Arithmetic Progression, Probability, surface area and volume, circles, area related to circles, application of trigonometry, co-ordinate geometry
Mental Ability (FOR ALL)	
	Mental Aptitude
	Coding & Decoding.
	Number Series.
	Reasoning