

**SYLLABUS FOR MEDICAL (ENTRANCE - DECEMBER - 2016)****Science (Physics, Chemistry and Biology)**

IX	Motion, Force & Work, Gravitation Part I & II, Work & Energy and Sound Matter in our surrounding, Is matter around us pure, Matter - Atoms & Molecules, Structure of Atom, Improvement in food resources, Cell & tissues, Natural resources, Diversity in living organisms, Why do we fall ill
X	Electricity, Magnetic effect of current & Sources of energy, Light, Chemical Reactions, Acids, Bases & salts and Metals & Non-Metals, Carbon & its compounds, Life processes and Control & co-ordination & reproduction

**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 of volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Application of Trigonometry, Probability, Arithmetic Progression

**SYLLABUS FOR NON MEDICAL (ENTRANCE - DECEMBER - 2016)****Science (Physics and Chemistry)**

IX	Motion, Force & Work, Gravitation Part I & II, Work & Energy and Sound Matter in our surrounding, Is matter around us pure, Matter - Atoms & Molecules, Structure of Atom
X	Electricity, Magnetic effect of current & Sources of energy, Light Chemical Reactions, Acids, Bases & salts and Metals & Non-Metals, 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 of volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Application of Trigonometry, Probability, Arithmetic Progression

**SYLLABUS FOR COMMERCE (ENTRANCE - DECEMBER - 2016)****English**

IX+X	Based on IX Complete and X (SA - 1) Syllabus(Reading, Writing and Grammar )
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**Economics**

IX+X	Story of Palampur, People as Resource, Poverty as a challenge, Food Security Meaning of 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 of volume, Statistics, Probability
X	Real Numbers, Polynomials, Linear equations in two variables, Triangles, Introduction to trigonometry, Statistics, Quadratic Equations, Application of Trigonometry, Probability, Arithmetic Progression

**Mental Ability (FOR ALL)**

	Mental Aptitude
	Coding & Decoding.

Number Series.
Reasoning