

SYLLABUS FOR ADMISSION TEST

COURSE - 1 (For Students of Class 7 going to Class 8)

These few topics of Class 7 as well as the basic syllabus of Class 6

Sample Test Paper can be collected from BA campus. It is also available online at www.brothersacademy.co.in

Physics	Chemistry	Biology	Maths
1. Motion	1. Acids, Bases and Salts	1. Nutrition in Animals	1. Number System
2. Heat	2. Electrolysis	2. Conservation of natural resources	2. Polynomials
3. Light	3. Carbon	3. Digestion	3. Ratio
4. Magnetism	4. Matter	4. Soil and Climate	4. Exponents
	5. Metals and Non-Metals	5. Respiration	5. Speed, Time and Distance
	6. Solution	6. Parts of Plants	6. Linear equations in one variable
	7. Pollution		7. Lines and angles
			8. Triangles
			9. Perimeter and Area of Plane figures

COURSE - 2 (For Students of Class 8 going to Class 9)

These few topics of Class 8 as well as the basic syllabus of Class 7

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Physics	Chemistry	Biology	Maths
1. Motion	1. Fibres	1. Food Production & Management	1. Number system
2. Light	2. Atomic Structure	2. Cell	2. Square and Square Roots
3. Heat	3. Atoms and Molecules	3. Micro organisms	3. Cube and Cube Roots
4. Sound	4. Combustion	4. Conservation of Plants & Animals	4. Polynomials
5. Electricity	5. Coal and Petroleum	5. Reproduction in Animals	5. Speed, Time and Distance
	6. Acids and Bases		6. Linear equations in one variable
	7. Chemical and Physical Changes		7. Lines and angles
			8. Triangles, Quadrilaterals, Polygons
			9. Perimeter and area of plane figures

COURSE - 3 (For Students of Class 9 going to Class 10)

These few topics of Class 9 as well as the basic syllabus of Class 8

Sample Test Paper can be collected from BA campus. It is also available online at www.brothersacademy.co.in

Physics	Chemistry	Biology	Maths
1. Motion	1. Gaseous State	1. Cell	1. Number System
2. Laws of Motion	2. Matter	2. Tissue	2. Polynomials, Ratio and Exponents
3. Gravitation	3. Atoms and Molecules	3. Diversity in Living World	3. Triangles, Quadrilaterals
4. Floatation	4. Elements, Compound and Mixture	4. Improvement in food resources	4. Perimeter and Area of Plane figures
5. Waves	5. Metals and Non-Metals	5. Digestive System	5. Linear equations in (1 & 2 variables)
	6. Carbon		6. Trigonometry
			7. Co-ordinate Geometry
			8. Volume and surface area
			9. Algebraic expressions and identities

SYLLABUS FOR ADMISSION TEST

COURSE - 4 (For Students of Class 10 going to Class 11) : Engineering (IIT-JEE)

These few topics of Class 10 as well as the basic syllabus of Class 9

Sample Test Paper can be collected from BA campus. It is also available online at www.brothersacademy.co.in

Physics	Chemistry	Maths
1. Current Electricity	1. Acids, Bases and Salts	1. Linear equations in two variables
2. Optics	2. Chemical reactions and equations	2. Trigonometry
3. Magnetism	3. Metals and Non-Metals 4. Carbon and its compound 5. Periodic Properties	3. Triangles and its properties 4. Quadratic equations 5. Arithmetic Progression 6. Co-ordinate Geometry 7. Height and Distance 8. Circles 9. Area related to circle 10. Surface area and volume 11. Probability