



Chavara Public School

An Institution Run by CMI Fathers Pala

Affiliated to Central Board of Secondary Education, Delhi - No. 930264

PLUS ONE ENTRANCE TEST 2018 TOPICS FOR SCIENCE BATCH

MATHEMATICS

1. Number System
2. Polynomials
3. Linear Equations in one and two variables
4. Quadratic Equations
5. Trigonometry
6. Arithmetic Progressions
7. Co-ordinate Geometry
8. Circles
9. Mensuration
10. Statistics
11. Probability

CHEMISTRY

1. Atoms and molecules, structure of atoms
2. Compounds and mixtures, separation of mixtures
3. Concept of mole
4. Chemical reactions and equations
5. Acids, bases and salts
6. Metals & non-metals, Extraction of metals
7. Organic Chemistry, nomenclature, soaps and detergents.
8. Periodic classifications of elements.

PHYSICS

1. Units and measurements
 - a. Motion
 - b. laws of motion
 - c. Force
 - d. Pressure
 - e. Energy
 - f. Gravitation
 - g. Work/energy/power
 - h. Sound
 - i. Heat and light
2. Electric Circuit
 - a. Resistance and Ohm's Law
 - b. Household circuits
 - c. Electromagnetism
 - d. Magnetic Effects of electric current
 - e. Source of energy
 - f. Universe



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PLUS ONE ENTRANCE TEST 2018 TOPICS FOR COMMERCE BATCH

Economics and Social Science

a. Civics

- Power Sharing
- Federation

b. History

- Nationalism in India

c. Geography

- Minerals and Energy Resources
- Transport and Communication in India

d. Economics

- Sectors of the Indian Economy
- Money and Credit
- Globalization and the Indian Economy
- Consumer Rights.

Computer

- Computer Fundamentals
- Basic Programming using Java/C++

Mathematics

- Number System
- Polynomials
- Linear Equations in one and two variables
- Quadratic Equations
- Trigonometry
- Arithmetic Progressions
- Co-ordinate Geometry
- Circles
- Mensuration
- Statistics
- Probability