



Important Note: NGSE Mains will have questions related to the following concepts / topics. NGSE Advanced will include all the topics you have studied in the earlier classes, apart from the following.

Sr. No	Mathematics: Daily life applications and understanding of the following :
1.	Real Numbers
2.	Polynomials
3.	Pair of Linear Equations in Two Variables
4.	Quadratic Equations
5.	Arithmetic Progressions
6.	Triangles
7.	Co-Ordinate Geometry
8.	Introduction to Trigonometry
9.	Applications of Trigonometry
10.	Circles
11.	Constructions
12.	Areas Related to Circles
13.	Surface Areas and Volumes
14.	Statistics
15.	Probability

Sr. No	Science: Daily life applications and understanding of the following :
1.	Chemical Reactions and Equations
2.	Acids, Bases and Salts
3.	Metals and Non-metals
4.	Carbon and its Compounds
5.	Periodic Classification of Elements
6.	Life Processes
7.	Control and Co-ordination
8.	Reproduction in Organisms
9.	Heredity and Evolution
10.	Light: Reflection and Refraction
11.	Human Eye- Vision and Defects
12.	Electricity
13.	Magnetic Effects of Electric Current
14.	Sources of Energy
15.	Our Environment
16.	Management of Natural Resources
17.	General Knowledge on Science

**Let us run your car with Water and
connect its vent pipe to your Nostrils
to have pure Oxygen!**

