

Gautam International Sr. Sec. School
Half Yearly Syllabus
Class:- XII Sci A and B

Mathematics

- a) Chp 1 :- Relation and function, Inverse trigonometric function
- b) Chp 2 :- Continuity and Differentiability
- c) Chp 3 :- Application of Derivative
- d) Chp 4 :- Matrix and Determinant
- e) Chp 5 :- Integration, Definite integration
- f) Chp 6 :- Application of Integration
- g) Chp 7 :- Different Equation

Biology

- a) Chp 4 :- Reproductive health
- b) Chp 5 :- Principles of inheritance and variations
- c) Chp 6 :- Molecular basis of inheritance
- d) Chp 7 :- Evolution
- e) Chp 11 Biotechnology – Principles and Processes
- f) Chp 12 Biotech and its application
- g) Chp 2 Sex reproduction in flowering plants
- h) Chp 3 Reproductive health

Chemistry

- a) Solid status
- b) Solution
- c) Electrochemistry
- d) Chemical Kinetics
- e) Surface Chemistry
- f) P. Block elements
- g) d – s – f block elements
- h) co-ordination compass

Physics

- a) Chp 1 :- Electric Charges and field
- b) Chp 2 :- Electrostatic potential
- c) Chp 3 :- Current electricity
- d) Chp 4 :- Moving Charges and magnetism
- e) Chp 6 :- Electromagnetic induction
- f) Chp 7 :- Alternating current
- g) Chp 9 :- Ray optics
- h) Chp 10 Wave optics
- i) Chp 15 Communication

Informatics Practices

- a) Review of class 11th SQL
- b) Review of Class 11th Netbeans
- c) Computer Networking
- d) Open Source

C++

- a) Classes and objects
- b) Constructor destructor
- c) Inheritance
- d) File handling
- e) Boolean algebra
- f) Review of class 11th

Hindi

- 1- xn~; [k.M %& 1- HkfDru 2- ctkkj n" kZu 3- dkys es?kk ikuh ns 4- igyoku dh <ksyd 5- pkyhZ pSflyu ;kuh ge lc
- 2- dkO; [k.M %& 1- vkRe ifjp; ,d xhr 2- irax 3- dfork ds cgkus] ckr lh/kh Fkh ij 4- dSejs es can vikfgt 5- lg'kZ Lohdkj gS
- 3- osrku %& 1- flYoj cSfMx 2- tq>
- 4- O;kdj.k %& 1- vifBr dkO;ka" k 2- vifBr xn~;ka" k 3- i= ys[ku 4- fizV ehfM;k 5- vkys[k 6- Qhpj

Physical Education

- a) Chp 1 :- Planning in sports
- b) Chp 2 :- Sports and Nutrition
- c) Chp 3 :- Yoga and Lifestyle
- d) Chp 4 :- Children and Sports
- e) Chp 5 :- Test and measurement in sports
- f) Chp 6 :- Sports medicine

English Writing

- a) Articles b) Speech c) Debates d) Report Writing e) Notice f) Letter
- g) Advertisement

English Literature

- a) Lost spring b) Last lesson c) Indigo d) Deep water e) Should wizard hit mommy
- g) Tiger king

English Reading

- a) Comprehension
- b) Note Making

English Novel

a) Chapter 1, 2, 3, 4 and Silas Marner/ Invisible men