



GATEWAY INTERNATIONAL SCHOOL

Syllabus of Half Yearly Examination (2018-19)

Class-XII(Science)

Subject	Syllabus
English	<p>Reading Comprehension Note making Novel The Invisible Man—Chapters 1-15</p> <p>Prose The Last Lesson Lost Spring The Tiger King Deep Water Should Wizard Hit Mommy The Enemy The Rattrap</p> <p>Poetry An Elementary School Classroom in a Slum Keeping Quiet A Thing of Beauty My Mother at Sixty-Six</p> <p>Writing Notice, Advertisement, Article Writing, Letter Writing, Speech, Poster – Making, Invitation & Replies (All topics done in class)</p>
Physics	Unit-1 Electrostatics Unit-2 Current Electricity. Unit-3 Magnetic effect of Current Unit:-4 Electromagnetic Induction Unit:-5 Electromagnetic Waves Unit:-10 Communication
Chemistry	Ch-1 Solid State Ch-2 Solutions Ch-3 Electrochemistry Ch-4 Chemical kinetics Ch-5 Surface Chemistry Ch-6 Isolation of Elements and principle of extraction Ch-7 P-BLOCK Ch-8 D&F-BLOCK Ch-10 Haloalkanes&Haloarenes
Biology	<u>Unit VI: Reproduction</u> Chapter-1 Reproduction in Organisms Chapter-2 Sexual Reproduction in flowering plants Chapter-3 Human Reproduction Chapter-4 Reproductive Health <u>Unit VII: Genetics and Evolution</u> Chapter-5 Heredity and Variation Chapter-6 Molecular Basis of Inheritance Chapter-7 Evolution <u>Unit IX Biotechnology and it's Applications</u> Chapter-11 Biotechnology: Principles and Processes
Informatics Practices	Theory Ch-1 Computer Networking Ch-2 Open Source Concepts Ch-3 Revision Tour-1 Ch-4 Revision Tour-2 Ch 13- Revision Tour MySQL Ch 14- Database Transaction Ch-15 More on MySQL- Grouping Records and Table join ch-16 Table and Integrity Constraints Ch 17- I.T applications

	<p>Ch-4 Revision Tour-2 Ch 13- Revision Tour MySQL Ch 14- Database Transaction Ch-15 More on MySQL- Grouping Records and Table join ch-16 Table and Integrity Constraints</p>
Physical Education	<p>Written: Chapter 1: Planning in Sports Chapter 2: Sports and Nutrition Chapter 3: Yoga & Lifestyle Chapter 4: Physical Education and Sports for Differently-Abled Chapter 5: Children and Sports Chapter 6: Women and Sports Chapter 12: Training in Sports Practical:</p> <ol style="list-style-type: none"> 1. Physical Fitness 2. Viva 3. Record file <p>Skill of any one team game in Sports</p>
Mathematics	<p>Relations & Function ITF Matrices Determinants Differentiation AOD Integration LPP Vectors</p>
Fine Arts	<p>Ch 1- The Origin and Development of Miniature Painting Ch 2- The Rajasthani School of Miniature Painting Ch 3- The Pahari School of Miniature Painting Ch 4-The Mughal School of Miniature Painting Ch 5- The Deccan School of Miniature Painting Ch 6- Introduction to the Bengal School of Painting Ch 7- Study of Painting of the Bengal School Ch 8- Contribution of Indian Artists in the struggle for National Freedom Movement Ch 9-Evolution of the Indian National Flag</p>