

Delhi Public School, Gandhinagar
Syllabus for Annual Examination 2019-20
XI - SCIENCE

Subject	Syllabus	Weightage of Marks
English	Section A (Reading)	20
	Section B (Writing & Grammar)	30
	Section C (Literature)	30
	ASL	20
	Total	100
	The Portrait of a Lady, A Photograph, The Summer of the Beautiful White Horse, The Address, Notice Writing, Poster Making, Integrated Grammar We're not afraid to die..., 4. The Laburnum Top, Discovering Tut..., Ranga's Marriage, The Ghats of the Only World, Advertisement, Article Writing, The Voice of The Rain, Albert Einstein at School, Birth, Formal Letter: A. Letter to the Editor. B. Business: Inquiry, Reply, Placing Orders, Complaints, Note Making, Childhood, The Browning Version, Mother's Day, Job Application, Landscape of the soul, Tale of Melon City, Report Writing (Magazine and Newspaper), The Ailing Planet, The Adventure, Father To Son, Silk Road, Speech Writing, Listening & Speaking Skills (ASL)	
Physics	Chapter-1: Physical World	23
	Chapter-2: Units and Measurements	
	Chapter-3: Motion in a Straight Line	
	Chapter-4: Motion in a Plane	
	Chapter-5: Laws of Motion	
	Chapter-6: Work, Energy and Power	17
	Chapter-7: System of Particles and Rotational Motion	
	Chapter-8: Gravitation	
	Chapter-9: Mechanical Properties of Solids	20
	Chapter-10: Mechanical Properties of Fluids	
	Chapter-11: Thermal Properties of Matter	
	Chapter-12: Thermodynamics	
	Chapter-13: Kinetic Theory of Gases	
	Chapter-14: Oscillations	10
	Chapter-15: Waves	
Chemistry	Chapter 1: Some basic concept of chemistry	11
	Chapter 2: Structure of Atom	
	Chapter 3: Periodic Properties	4
	Chapter 4: Chemical Bonding	21
	Chapter 5: States of Matter	
	Chapter 6: Thermodynamics	
	Chapter 7: Equilibrium	
	Chapter 8: Redox reaction	
	Chapter 9: Hydrogen	16
	Chapter 10: s-Block	
	Chapter 11: p-Block	
	Chapter 12: Organic Chemistry	
	Chapter 13: Hydrocarbons	18
	Chapter 14: Environmental Chemistry	
TOTAL	70	
Maths	unit 1- sets and functions	20
	unit 2- algebra	30
	unit 3- co-ordinate geometry	13
	unit 4- calculus	5

	unit 5- mathematical reasoning	2
	unit 6- statistics and probability	10
	total	80
Biology	UNIT I- Diversity of Living Organisms	10
	Ch:1 to Ch:4	
	UNIT II- Structural Organisation in Plants and Animals	12
	Ch: 5 to Ch: 7	
	UNIT III- Cell: Structure and Function	14
	Ch:8 to Ch:10	
	UNIT IV - Plant Physiology	17
	Ch:11 to Ch: 15	3
	UNIT V- Human Physiology	17
Ch:16 to Ch:22		
	TOTAL	70
Computer Sc.	UNIT I : Computer systems and Organisation	
	L-1 to 4	10
	UNIT II : Programming and computational thinking	
	L-5 to 14	35
	UNIT III : Data Management	
	L-15 to 18	15
	UNIT IV : Society, Law and Ethics	
L-19 to 20	10	
	TOTAL	70
P.E.	UNIT I: Changing Trends and career in Physical Education	5
	UNIT II: Olympic Value Education	5
	UNIT III: Physical Fitness , Wellness and Lifestyle	5
	UNIT IV: Physical Education and Sports for CWSN	8
	UNIT V: Yoga	10
	UNIT VI: Physical Activity and Leadership Training	7
	UNIT VII:Test, Measurment and Evaluation	5
	UNIT VIII: Fundamentals of Anatomy, Physiology and Kinesiology	7
	UNIT IX: Phychologyn and Sports	10
	UNIT X: Training and Doping in sports	8
Total	70	