

JKG INERNATIONAL SCHOOL, INDIRAPURAM, GHAZIABAD

ANNUAL SYLLABUS (2022-23)

CLASS: XII (SCIENCE)

MONTH	ENGLISH	PHYSICS	CHEMISTRY	MATH	BIO.	I.P	C.ART
MARCH	Recapitulation Ch- 1 The Last Lesson (Prose) Notice	Introduction and recap Ch-1 Electric Charges and Fields Ch-2 Electrostatic Potential and Capacitance	Introduction and recap Ch-6 Haloalkane and Haloarens	Ch:3 Matrices	CH:5 Principles of Inheritance and Variation	Unit 1: Data Handling using Pandas and Data Visualization	Chapter 1 introduction of Indian miniature schools
APRIL	Ch- 1 The Third Level Poem 1- My Mother At Sixty-six by Kamla Das Ch- 2 Lost spring Poem 6- Aunt Jennifer's tiger	Ch-3 Current Electricity Ch-4 Moving Charges and Magnetism	Ch-7 Alcohol, Phenol and Ether Ch-1 Solution	Ch4: Determinants Ch:2 Inverse trigonometric functions Ch:5 Continuity and Differentiability	CH:6 Molecular Basis of Inheritance CH:11 Biotechnology – Principles and Processes	Unit 1: Data Handling using Pandas and Data Visualization -NumPy Library and functions -Data Handling using Pandas -I	Chapter 2 Rajasthani school of miniature paintings /Chapter 3 Pahari school of miniature paintings
MAY	Ch- 4 The Enemy Ch 3- Deep Water Poem 3- Keeping Quiet Writing- Invitation and Replies Unseen Passages Formal letters (Letter to Editor+ Job application) Article	Ch-5 Magnetism and Matter Ch-6 Electromagnetic Induction Ch-7 Alternating Current Ch8: Electromagnetic Waves	Ch-1 Solution (cont..) Ch-10 Biomolecules Ch-2 Electrochemistry	Ch:5 Continuity and Differentiability (continue...) Ch:6 Application of derivatives Ch:1 Relations & Functions	CH:2 Sexual Reproduction in Flowering plants CH:3 Human Reproduction	-Data Handling using Pandas -I -Data handling using Pandas – II	Chapter 4 Mughal school of miniature paintings

JUNE	Ch- 6 On the face of it Ch- 4 Journey to the end of the Earth	Ch-9: Ray Optics and Optical Instruments	Ch-2 Electrochemistry (cont...)	Ch:12 Linear Programming Problem	CH:4 Reproductive Health CH:12 Biotechnology and its Applications	-Data Visualization - Line plot, bar graph, histogram - Text/CSV file -Importing /Exporting Data between CSV files and Data Frames	Revision
JULY	Revision for UT-1		Revision of UT1	Ch. 7 Integrals (Indefinite & Definite)	Revision of UT-1	Revision for UT-1	Chapter 5 Deccan school of miniature paintings Chapter 6 introduction of Bengal School
AUG.	Ch- 2 The Tiger King Ch- 8 Memories of Childhood Ch 4- The Rattrap Ch 5- Indigo	Ch-9 Ray Optics and Optical instruments (contd..) Ch-10 Wave Optics Ch-11 Dual Nature of Radiation and Matter Ch-12 Atoms	Ch12: Aldehydes, Ketones and Carboxylic acids Ch13: Amines	Ch. 7 Integrals (Indefinite & Definite) Ch. 8 Application of Integrals Ch. 9 Differential Equations	CH:12 Biotechnology and its Applications CH:10 Microorganisms in human Welfare	Unit 2: Database Query using SQL	Chapter 7 evolution of Indian national flag chapter 8 Bengal School of paintings
SEP.	Revision for Half-Yearly	Revision	Revision		Revision+ Half yearly	Revision for half yearly	Revision
OCT.	Poem 5 – A Thing of Beauty Ch-6 Poets & Pancakes Ch- 7 The Interview	Ch 12. Atom(contd) Ch 13 Nuclei Ch-14: Semiconductor -	Ch-4 Chemical kinetics Ch-8 d-block elements	Ch. 9 Differential Equations Ch.10 Vector Algebra	CH:8 Human health and Diseases CH 7 Evolution	Unit 3: Introduction to Computer Networks/Project work	Chapter 9 paintings of Bengal school chapter 10 contribution by the indian

