

Ekayanaa School, Indore (2021-2122) Syllabus for Term-1

Class: XII (Science)

Subject	Major Test-1	Major Test-2
Physics (042)	1. Electric charges and field.	(Chapter 1,2,3 and 4)
	2. Electrostatic potential and capacitance.	And
	3. Current Electricity.	5. Magnetism and Matter.
	4. Moving charges and magnetism.	6. Electromagnetic induction
		7. Alternating current.
		8. Electromagnetic waves.
		9. Ray optics
		10. Wave optics.
Chemistry (043)	1. Solid state	1. Solid state
	2. Solutions	2. Solutions
	6. General principles and processes of isolation of elements	6. General principles and processes of isolation of elements
	7. p- block elements	7. p- block elements
		15. Polymers
		12. Aldehydes, Ketones and
		Carboxylic acids
		5. Surface Chemistry
		16. Chemistry in daily life
		14. Biomolecules
Mathematics	1. Relatios and functions	1. Relations and functions
(041)	2. Matrices	2. Inverse trigonometric functions
	3. Determinents	3. Matrices
		4. Determinents
		5. Continuity and Differentiability
		6. Linear programming problems
Biology(044)	1.Reproduction in organisms	1.Reproduction in organisms
	2. Sexual reproduction in flowering plants	2. Sexual reproduction in flowering
	3. Human Reproduction	plants
	4. Reproductive health	3.Human Reproduction
	5. Principles of inheritance & Variation	4. Reproductive health
		5. Principles of inheritance & Variation
		6. Molecular basis of inheritance
		7. Evolution
		8. Human health & disease
Computer	1.Python Revision tour-I	1.Python Revision tour-I

Subject	Major Test-1	Major Test-2
Science(083)	2. Python Revision tour-II	2. Python Revision tour-II
(Computer	3. Working with functions	3. Working with functions
Science with	11.Relational Databases	4. Using Python Libraries
Python by	12.Simple queries in SQL	5. File Handling
Sumita Arora -	13. Table Creation & Data	11.Relational Databases
Dhanpat Rai	manipulation commands	12.Simple Queries in SQL
Publications)		13. Table Creation & Data
		manipulation commands
		14.Grouping Records, Joins in SQL
		15.Interface Python with MySQL
Entrepreneursh	Unit 1 – Entrepreneurial Opportunity.	Unit 1 – Entrepreneurial Opportunity.
ip (066)	Unit 2 – Enterprise Planning.	Unit 2 – Enterprise Planning.
	Unit 3 – Enterprise Marketing.	Unit 3 – Enterprise Marketing.
		Unit 4 – Enterprise Growth
		Strategies.
		Unit 5 – Business Arithmetic.
Physical	Unit 1-Planning in Sports.	Unit 1-Planning in Sports.
Education(048)	Unit 2-Sports and Nutrition.	Unit 2-Sports and Nutrition.
		Unit 3-Yoga and Lifestyle.
		Unit 4- Physical Education and Sports
		for CWSN (CHILDREN WITH
		SPECIAL NEEDS-DIVYANG)
		Unit 5-Children and Women in Sports.
English Core	Prose-The Last	Prose-The Last Lesson ,Lost Spring,
	Lesson Poem- My	Deep Water
	Mother At Sixty Six	Poem- My Mother At Sixty Six, An Elementary School Classroom in a
		Slum, Keeping Quiet
Book-Snapshots	The Tiger King	The Tiger King .The Enemy, Should
	(Vistas)	Wizard Hit Mommy?
Writing Skill	Notice writing, Article writing	Notice writing, Article writing,
		Advertisement, Letter to the Editor