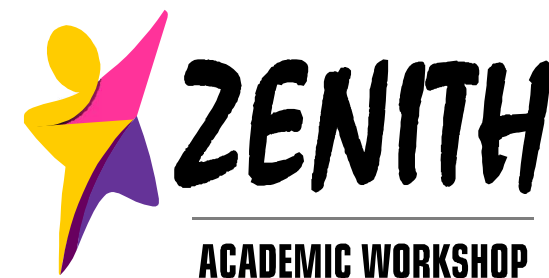


PHYSICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Light	4
2	Fun with Magnet	3
3	Universe	1
Total No. of Lectures		8
CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Pure and Mixed Substances	3
2	States of Matter	3
3	Water & Air	2
Total No. of Lectures		8
MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Factors and Multiples	4
2	Introduction to Algebra	2
3	Ratio & Proportion	3
4	Geometry	4
5	Mensuration	4
Total No. of Lectures		17

BIOLOGY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Body movements	4
2	Garbage in garbage out	4
Total No. of Lectures		8
MENTAL ABILITY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Number Series	1
2	Alphabet Series	1
3	Coding Decoding	1
4	Alphabet Test	2
5	Direction Sense Test	2
6	Mathematical Operation	2
7	Mirror & Water Image	1
Total No. of Lectures		10

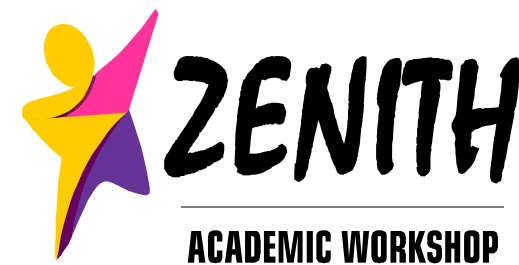
ENGLISH		
S.No.	Topic Name /Sequence	No. of Lectures
1	Tense	1
2	Subject Verb Concord	1
3	Modals	1
4	Antonyms & Synonyms	1
5	Idioms	1
Total No. of Lectures		5



PHYSICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Electricity	3
2	Light	3
3	Universe	1
Total No. of Lectures		7
CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Water	3
2	General Chemistry	3
3	Acids, Bases & Salts	2
Total No. of Lectures		8
MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Linear Equation in one variable	3
2	Percentage	3
3	Ratio and Proportion	2
4	Profit, Loss and Discount	4
5	Lines and Angles	2
6	Triangle	3
Total No. of Lectures		17

BIOLOGY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Movement in Animals	4
2	Cellular level of Organization	4
Total No. of Lectures		8
MENTAL ABILITY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Series Completion	2
2	Mathematical Operation	2
3	Ranking & Ordering Test	2
4	Puzzle Test	2
5	Analogy & Classification	1
6	Mirror & water Image	1
Total No. of Lectures		10

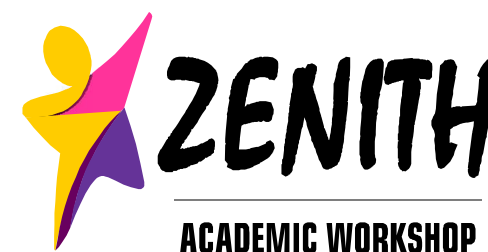
ENGLISH		
S.No.	Topic Name /Sequence	No. of Lectures
1	Tense	1
2	Conditionals	1
3	Subject Verb Concord	1
4	Antonyms & Synonyms	1
5	Idioms	1
Total No. of Lectures		5



PHYSICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Electricity	3
2	Light	3
3	Night Sky	2
Total No. of Lectures		8
CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Synthetic fibres & plastics	2
2	Metals & Non metals	2
2	Coal and Petroleum	2
3	Combustion and Flame	2
Total No. of Lectures		8
BIOLOGY		
S.No.	Topic Name /Sequence	No. of Lectures
1	reproduction in animals	4
2	Reaching the age of Adolescence	4
Total No. of Lectures		8

MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Linear Equation in one variable	2
2	Direct and Inverse variation	4
3	Compound Interest	3
4	Quadrilateral	4
5	Mensuration	4
Total No. of Lectures		17
ENGLISH		
S.No.	Topic Name /Sequence	No. of Lectures
1	Error Spotting	1
2	Conditionals	1
3	Fillers & Sentence completion	1
4	Antonyms & Synonyms	1
5	Idioms	1
Total No. of Lectures		5

MENTAL ABILITY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Series Completion	2
2	Puzzle Test	2
3	Ranking and Ordering Test	2
4	Seating Arrangement	2
5	Venn Diagram	2
Total No. of Lectures		10



MATHEMATICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Number system	3
2	Polynomials	3
3	Triangles	3
4	Quadrilateral	2
5	Circles	3
6	Surface Area and Volume	3
Total No. of Lectures		17
PHYSICS		
S.No.	Topic Name/Sequence	No. of Lectures
2	Work, Energy & Power	4
3	Wave Motion & Sound	4
Total No. of Lectures		8
CHEMISTRY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Atoms and Molecules	5
2	Structure of Atom	3
Total No. of Lectures		8

BIOLOGY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Diversity	6
2	Natural resources	2
Total No. of Lectures		8
ENGLISH		
S.No.	Topic Name/Sequence	No. of Lectures
1	Tense, SVA	1
2	Active and Passive, Direct and indirect.	1
3	Prepositions	1
4	connectors	1
5	Phrasal verbs, idioms	1
Total No. of Lectures		5

MENTAL ABILITY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Calendar Test	2
2	Cube & Dices Test	2
3	Puzzle Test	3
4	Coding Decoding and Ranking Ordering	3
Total No. of Lectures		10

SUBJECT WISE SYLLABUS PLAN

MATHEMATICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Number System	2
2	Polynomials	2
3	Trigonometry	2
4	Triangle	2
5	Circle	2
Total No. of Lectures		10
MENTAL ABILITY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Series Completion	2
2	Coding-Decoding	2
3	Direction Sense	1
4	Venn Diagram, Syllogism	2
5	Puzzle Test	1
6	Calendar Test	2
7	Analogy Classification	1
8	Non-Verbal	1
Total No. of Lectures		12

BIOLOGY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Reproduction	3
2	Genetics	2
	Environment	1
Total No. of Lectures		6
PHYSICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Light	3
2	Graphs Related to Motion, Force	3
Total No. of Lectures		6
CHEMISTRY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Periodic Table	2
2	Metal and Nonmetal	2
3	Acid, base and salt	2
Total No. of Lectures		6

SOCIAL SCIENCE		
S.No.	Topic Name/Sequence	No. of Lectures
1	Nationalism in India (History)	3
2	Nazism & the Rise of Hitler (History)	2
3	Physical Divisions of India	2
4	Consumer Rights	2
5	Globalisation & Indian Economy	3
Total No. of Lectures		12
ENGLISH		
S.No.	Topic Name/Sequence	No. of Lectures
1	Birds eye view of grammar-1	1
2	Birds eye view of grammar-2	1
3	Birds eye view of grammar-3	1
4	Fillers and Sentence Completion, Cloze test	1
Total No. of Lectures		4

PHYSICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Motion & NLM	3
2	Electricity	3
Total No. of Lectures		6
CHEMISTRY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Metals & Non metals	2
2	Periodic Table	2
3	Acids, Bases & Salts	2
Total No. of Lectures		6
BIOLOGY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Cell and cell division	2
2	Genetics	2
3	Disease	2
Total No. of Lectures		6

MATHEMATICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Number System	2
2	Polynomial, Quadratic equations	2
3	Geometry-1 (Lines, Angles & Triangles)	2
4	Geometry-2 (Quadrilateral & Circles)	2
5	Trigonometry	2
Total No. of Lectures		10
SOCIAL SCIENCE		
S.No.	Topic Name/Sequence	No. of Lectures
1	Nationalism in India	2
2	Federalism	2
3	People as a resource	2
4	Constitutional Design	2
5	Climate	2
6	Clothing as a Social History	2
Total No. of Lectures		12

MENTAL ABILITY		
S.No.	Topic Name/Sequence	No. of Lectures
1	Series Completion	2
2	Arithmetical Reasoning, Alphabet Test, Coding decoding	2
3	Ranking & Ordering Test and Blood Relation	1
4	Puzzle Test, Sitting Arrangement	2
5	Venn Diagram, Syllogism, Analogy, Classification	2
6	Calendar Test & Clock Test	2
7	Cube Test & Dice Test, Non-Verbal Series, Analogy and Classification	1
Total No. of Lectures		12
ENGLISH		
S.No.	Topic Name/Sequence	No. of Lectures
1	Fillers & Sentence completion	1
2	Cloze Test	1
3	Antonyms & Synonyms, Idioms, Phrasal Verbs	1
4	Jumbled Words	1
Total No. of Lectures		4

PHYSICS		
S.No.	Topic Name/Sequence	No. of Lectures
1	Light	5
2	Electricity	5
3	Magnetic Effect of Current and EMI	4
Total No. of Lectures		14
CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Mole Concept	4
2	Structure of atom	2
3	Metals & Non-metals	3
4	Periodic Table	3
5	Study Of Gas Laws	2
Total No. of Lectures		14

MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Number System	5
2	Polynomials	3
3	Triangles	2
4	Circles	2
5	Trigonometry	2
Total No. of Lectures		14

BIOLOGY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Cell and cell division	5
2	Genetics	5
4	Control and Co-ordination in plants & Animals	4
Total No. of Lectures		14

Physics		
S.No.	Topic Name /Sequence	No. of Lectures
1	Electricity	5
2	Light	5
3	Rigid body Dynamics	4
Total No. of Lectures		14

MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Number System	4
2	Algebra 2	3
3	Geometry 1 : Lines & angles, Triangles	3
4	Geometry 2 : Quadrilateral & Circles	2
5	Commercial Mathematics	1
6	Mensuration	1
Total No. of Lectures		14

CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Chemical Bonding	3
2	Periodic Table	2
3	Mole Concept	3
4	Gaseous State	3
5	GOC- I & II	3
Total No. of Lectures		14

BIOLOGY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Control&Co-ordination	4
2	Cell structure and cell division	5
3	Genetics	5
Total No. of Lectures		14

IESO		
S. no	Topic Name	No. of Classes
GEOSPHERE		
1	Mineral & Rocks	6
2	Principle of plate tectonics and its application, plate tectonics & seismology	3
3	Physical Geography	4
ASTRONOMY		
4	Observational Astronomy	4
5	Introduction to Solar System	3
6	The Sun is a star	3
7	The Earth in the Universe	3
8	Space Science	3
ATMOSPHERE		
9	Basics and Energy of the Atmosphere	3
10	Moisture, Clouds, and Precipitation	3
11	Air Pressure and Motion	3
12	Weather Systems and Patterns	2
13	Climate and Climate Change	3
14	Observations, Weather Forecasts, and Atmospheric Optics	3
HYDROSPHERE		
15	Hydrography	3
16	Current	3
17	Tide	2
18	Wave	2
Total		56



SUBJECT WISE SYLLABUS PLAN

MATHEMATICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Number system, divisibility test, last digit concept, formulas of Logarithm(only)	2
2	Applications of logarithm, concepts of Quadratic equation	2
3	Application of Quadratic equation, Surds & its problems	2
4	Mensuration, 2d & 3d with application	2
5	Trigonometry & its application	2
6	Geometry- congruency, quadrilaterals, angles of polygon,	2
7	Geometry-similar triangles, circles & tangent, Commercial maths.	2
8	AP,GP probability, statistics	2
9	Coordinate geometry, Set theory	2
10	Factorisation, factor theorem, remainder theorem	2
11	Statistics & Identities application	1
Total No. of Lectures		21

PHYSICS		
S.No.	Topic Name /Sequence	No. of Lectures
1	Basic concept of physics , motion in 1 dimension with graph , equations of motion, applications in numericals	2
2	NLM & its application, with idea of fbd, elevator problem ,friction etc	2
3	Application of NLM, & Gravitation	2
4	Concepts of fluid mechanics , work ,power, energy	2
5	Waves & concept of sound with idea of electrostatics	2
6	Current electricity & Magnetism	2
7	Plane & spherical mirror properties.	1
8	behavior of lens in other medium , glass slab, prism,	1
9	Total internal reflection, optical instruments	1
10	Heat & Concept of thermometry	1
11	calorimetry	1
Total No. of Lectures		17

CHEMISTRY		
S.No.	Topic Name /Sequence	No. of Lectures
1	Nuclear chemistry	1
2	Concept of acid & base ,pH determination	1
3	Mettalurgy	1
4	Reaction based calculations, Limiting reagent	1
5	% calculation of element, determination of empirical formula	1
6	Organic chemistry	2
7	Periodic classification	2
8	Mole Concept, properties of solution	2
9	Atomic structure	2
10	Chemical equilibrium	2
Total No. of Lectures		15