



AEROCET syllabus-2024

	Physics
1	Electric Charges and Fields
2	Electrostatic Potential and Capacitance
3	Current Electricity
4	Moving Charges and Magnetism
5	Magnetism and Matter
6	Electromagnetic Induction
7	Alternating Current
8	Electromagnetic Waves
9	Ray Optics and Optical Instruments
10	Wave Optics
11	Dual Nature of Radiation and Matter
12	Atoms
13	Nuclei
14	Semiconductor Electronics: Materials, Devices and Simple Circuits
15	Communication Systems

Sr.No	Chemistry
1	The Solid State
2	Solutions
3	Electrochemistry
4	Chemical Kinetics
5	Surface Chemistry
6	General Principles and Processes of Isolation of Elements
7	The p-Block Elements
8	The d-and f-Block Elements
9	Coordination Compounds
10	Haloalkanes and Haloarenes
11	Alcohols, Phenols and Ethers
12	Aldehydes, Ketones and Carboxylic Acids
13	Amines
14	Biomolecules
15	Polymers



Mathematics

1	Relations
2	Functions
3	Inverse Trigonometric Functions
4	Matrices
5	Determinants
6	Continuity
7	Differentiability
8	Application of Derivatives
9	Integrals
10	Application of Integrals
11	Differential Equations
12	Vector Algebra
13	Three Dimensional Geometry
14	Linear Programming
15	Probability

Aviation Affairs

1	Current Affairs
2	Aviation GK
3	Aviation Science and Technology
4	Portfolios
5	Indian Aerospace
6	International Aerospace
7	Aviation startups in india
8	Indian spacecraft
9	Airport names
10	Established years
11	Abbreviation
12	Space Agencies
13	Research and Innovation
14	Space Station
15	Aviation Traffic



Aptitude

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| 1 | Assertion and Reason |
| 2 | Coding Decoding |
| 3 | Verification of the Truth of the Statement |
| 4 | Cause and Effect |
| 5 | Analogies |
| 6 | Blood Relations |
| 7 | Letter Series & Selecting Words |
| 8 | Verbal Classification & Analogies |
| 9 | Logical Sequence of Words, Antonyms, Synonyms |
| 10 | Cause and Effect, Idioms and Phrases |
| 11 | Analogies, Ordering of Words, Spellings |
| 12 | Letter Series & Sentence Formation |
| 13 | Change of Voice |
| 14 | Adjectives & Articles |
| 15 | Comprehension |

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