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Ranker Package Schedule

For Class- VIII (2024-25)

Online Test Package

Test	Date	Day	TOPIC
UT-1	08-Jun-2024	Saturday	Chemistry: Coal and Petroleum (till uses of Coal and its products) Biology: Crop Production and Management Maths: Rational Numbers, Linear Equations in One Variable
UT-2	13-Jul-2024	Saturday	Physics: Force and Pressure, Friction Biology: Microorganisms: Friend and Foe Maths: Understanding Quadrilaterals
UT-3	10-Aug-2024	Saturday	Physics: Sound Chemistry: Coal and Petroleum (Petroleum onwards) Maths : Data Handling, Squares and Square Roots, Cubes & Cube Roots
PT-1	31-Aug-2024	Saturday	For Science & Maths: Complete Syllabus of Module-1
UT-4	19-Oct-2024	Saturday	Physics: Some Natural Phenomena Biology: Reproduction in Animals Maths : Mensuration
UT-5	16-Nov-2024	Saturday	Chemistry: Combustion and Flame (Combustion, Types of combustion , Flame) Biology: Reaching the Age of Adolescence Maths: Exponents & Powers, Direct & Inverse Proportions
UT-6	14-Dec-2024	Saturday	Physics: Light Chemistry: Combustion and Flame (Complete chapter) Maths: Factorization, Introduction to Graphs
PT-2	21-Dec-2024	Saturday	For Science & Maths: Complete Syllabus Of Module-2
FST-1	04-Jan-2025	Saturday	Complete Syllabus
FST-2	11-Jan-2025	Saturday	Complete Syllabus

UT- Unit Test | PT- Part Test | FST- Full Syllabus Test

Ch-Chapter | Sc-Science | P-Physics | C-Chemistry | B-Biology | M-Mathematics |

S.Sc.-Social Science | Geo-Geography | His-History | Pol.Sc.-Political Science | Eco-Economics

NOTE : Excluding the topics/chapters as per NCERT for session 2024-25

Note: This schedule is for academic year 2024-25 only | Next year schedule shall be intimated in April 2025

NOTE : As per prescribed syllabus by NCERT for session 2024-25



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AIATS (CBSE) Test Schedule for Class VIII

Test No.	Subject	Test Date Only for ONLINE Students	Type	Topics of the Test
AIATS-Practice Test (Online)	Science, Maths & MAT	28th Jul (AIATS-Practice Test) Online	Objective	<p>Physics: Force and Pressure, Friction</p> <p>Chemistry: Coal and Petroleum (till constituent of Petroleum and its uses)</p> <p>Biology: Crop Production and Management, Microorganisms-Friend and Foe</p> <p>Maths: Rational Numbers, Linear Equations in One Variable, Understanding Quadrilaterals, Data Handling</p> <p>MAT: Series, Mathematical operation, Dice, Analogy, Coding decoding</p>
AIATS-1	Science, Maths & MAT	18th Aug 2024	Objective	<p>PCMB- Syllabus of Practice test</p> <p>MAT- Syllabus of Practice test</p>
AIATS-2	Science, Maths & MAT	6th Oct 2024	Objective	<p>Physics: Force and Pressure, Friction, Sound</p> <p>Chemistry: Coal and Petroleum</p> <p>Biology: Crop Production and Management, Microorganisms-Friend and Foe, Conservation of Plants and Animals</p> <p>Maths: Rational Numbers, Linear Equations in One Variable, Understanding Quadrilaterals, Data Handling, Squares and Square Roots, Cubes and Cube Roots, Comparing Quantities, Algebraic Expressions and Identities</p> <p>MAT: Direction Test, Ranking test, Blood relation, Missing character, Number and alphabet test, Non verbal- reasoning</p>
AIATS-3	Science, Maths & MAT	1st Dec 2024	Objective	<p>Physics: Chemical Effects of Electric Current, Some Natural Phenomena</p> <p>Chemistry: Combustion and Flame (Combustion, Types of Combustion, Flame, Facts related to candle flame, Fuels (Types of fuels) Essentials of Fuel (Calorific Value))</p> <p>Biology: Conservation of Plants and Animals, Reproduction in Animals</p> <p>Maths: Comparing Quantities, Algebraic Expressions and Identities, Mensuration</p> <p>MAT: Complete Syllabus</p>
AIATS-4	Science, Maths & MAT	12th Jan 2025	Objective	<p>Physics: Some Natural Phenomena, Light</p> <p>Chemistry: Combustion and Flame</p> <p>Biology: Reproduction in Animals, Reaching the age of Adolescence</p> <p>Maths: Mensuration, Exponents and Powers, Direct and Inverse Proportions, Factorization</p> <p>MAT: Complete Syllabus</p>
AIATS-5	Science, Maths & MAT	9th Feb 2025	Objective	Complete Syllabus

Note: Online Tests will start at 10 AM as per the given dates of exam and test window is for 48 hours.





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Daily Practice Test Schedule & Syllabus for Class VIII

Subject	Chapter with topics
Biology 1	CROP PRODUCTION AND MANAGEMENT (Crop and its types, Agricultural Practices, Sowing, Adding manures and fertilizers, Manure and its types)
Chemistry 1	Coal and Petroleum (Introduction, Natural Resources, Types of Exhaustible Natural Resources, Differences Between Renewable and Non Renewable Resources, Coal & Petroleum, Coal, Uses of Coal & its Products, Different Types of Coal and their Uses)
MAT 1	Series (Number Series)
Mathematics 1	Rational Numbers
Physics 1	FORCE AND PRESSURE (Force, Balanced and Unbalanced Forces, Contact and Non-Contact Forces)
Social Science 1	Resources
Biology 2	CROP PRODUCTION AND MANAGEMENT (Fertilizers-Advantages and Disadvantages, Differences between fertilisers and manures, Irrigation and its methods, Protection from weeds)
Chemistry 2	Coal and Petroleum (Petroleum, Refining of Petroleum, Constituents of Petroleum & their uses, Extraction of petroleum, Natural Gas, Conservation of natural Resources, Common Types of Alternative Energy)
MAT 2	Series (Alphabetic Series)
Mathematics 2	Rational Numbers
Physics 2	FORCE AND PRESSURE (Gravitational Force, Mass and Weight, Spring Balance, Pressure, Pressure in a Fluid)
Social Science 2	How, When and Where
Biology 3	CROP PRODUCTION AND MANAGEMENT (Harvesting, Storage, Animal Husbandry- Dairy animals, Poultry, Fish, Honey bees)
Chemistry 3	Combustion and Flame (Combustion, Types of Combustion, More about combustion, Respiration, Comparison between Respiration and Burning.)
MAT 3	Mathematical Operations
Mathematics 3	Rational Numbers
Physics 3	FORCE AND PRESSURE (Atmospheric Pressure)





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Subject	Chapter with topics
Social Science 3	The Indian Constitution
Biology 4	MICROORGANISMS : FRIEND AND FOE (Microorganisms, Classification of Microorganisms, Viruses, Characteristics of Microorganisms, Structure of Microorganisms, Microorganisms and Us)
Chemistry 4	Combustion and Flame (Flame (Zones of a Candle Flame, Facts Related to Candle Flame))
MAT 4	Dice
Mathematics 4	Linear Equations in One Variable
Physics 4	FRICITION (Force of Friction, Factors Affecting Friction)
Social Science 4	From Trade to Territory
Biology 5	MICROORGANISMS : FRIEND AND FOE (Friendly Microorganisms ,Commercial use of microorganisms, Medicinal use of microorganism, Harmful microorganisms (upto Common Plant Diseases caused by microorganisms))
Chemistry 5	Combustion and Flame (Fuels, Essentials of Fuel, Combustibility, Characteristics of Good Fuel, Harmful Effects of Burning of Fuel, Green House Effects & Global Warming , Effects of Global Warming, Acid Rain, Fire, Fire Extinguishers, First aid to Burning Victims, Maintenance of carbon dioxide in nature)
MAT 5	Analogy
Mathematics 5	Linear Equations in One Variable
Physics 5	FRICITION (Static & Kinetic Friction, Rolling Friction, Friction a Necessary Evil)
Social Science 5	From Trade to Territory
Biology 6	MICROORGANISMS : FRIEND AND FOE (Harmful microorganisms(Diseases caused by Bacteria, Viruses and Protozoans),Disease causing microorganisms in Animals and Plants)
MAT 6	Analogy ()
Mathematics 6	Understanding Quadrilaterals
Physics 6	FRICITION (Fluid Friction, Increasing and Reducing Friction, Example of Friction)
Social Science 6	Understanding Secularism





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Daily Practice Test Schedule & Syllabus for Class VIII

Subject	Chapter with topics
Biology 7	MICROORGANISMS : FRIEND AND FOE (Food Poisoning, Food Preservation and its methods, Nitrogen Fixation, Nitrogen Cycle, Contribution of some great scientists in the field of microbiology)
MAT 7	Coding and Decoding
Mathematics 7	Understanding Quadrilaterals
Physics 7	SOUND (Production of Sound, Characteristics of Vibrations, Wave, Wavelength, Wave Velocity, Sound Produced and Hearing by Human Beings, Speed of Sound)
Social Science 7	Land, Soil, Water, Natural Vegetation and Wildlife Resources
Biology 8	CONSERVATION OF PLANTS AND ANIMALS (Deforestation-causes and consequences, Forest and wildlife (National park, Wildlife sanctuary, Biosphere reserve,)
MAT 8	Direction Sense Test
Mathematics 8	Understanding Quadrilaterals
Physics 8	SOUND (Audible & Inaudible Sounds, Characteristics of Sound, Noise & Music, Musical Instruments, Reflection of Sound)
Social Science 8	Ruling the Countryside
Biology 9	CONSERVATION OF PLANTS AND ANIMALS (Rare species classification by IUCN, Forest and wildlife laws, Migration, Recycling of paper, Reforestation, Project tiger, WWF, Biodiversity hotspot, Chipko movement, Afforestation)
MAT 9	Ranking Test
Mathematics 9	Data Handling
Physics 9	CHEMICAL EFFECTS OF ELECTRIC CURRENT (Complete Chapter)
Social Science 9	Paliament and the making of laws
Biology 10	REPRODUCTION IN ANIMALS (Modes of Reproduction(Sexual reproduction),Sexual Reproduction(events of sexual reproduction),Male Reproductive System)
MAT 10	Puzzles
Mathematics 10	Data Handling





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Daily Practice Test Schedule & Syllabus for Class VIII

Subject	Chapter with topics
Physics 10	SOME NATURAL PHENOMENA (Electric Charge, Types of Charges and Their Interaction)
Social Science 10	Paliament and the making of laws
Biology 11	REPRODUCTION IN ANIMALS (Human Female Reproductive System, Fertilisation (Types of fertilisation), Development (Types of Development), Development of embryo in Hen and frog)
MAT 11	Missing Character
Mathematics 11	Data Handling
Physics 11	SOME NATURAL PHENOMENA (Electroscope, Lightning, Lightning Safety Measures, Lightning Conductors)
Social Science 11	Tribals, Dikus and the Vision of a Golden Age
Biology 12	REPRODUCTION IN ANIMALS (Oviparous and viviparous animals, Metamorphosis, Development of embryo in silkworm, Asexual Reproduction (Fission, Budding and Regeneration))
MAT 12	Blood relation
Mathematics 12	Squares and Square Roots
Physics 12	SOME NATURAL PHENOMENA (Structure of the Earth, Earthquakes, Some Important Terms Regarding Earthquakes)
Social Science 12	When People Rebel
Biology 13	REACHING THE AGE OF ADOLESCENCE (Growth, Adolescence, Puberty, Changes at Puberty, Secondary sexual characters)
MAT 13	Number and alphabet Test
Mathematics 13	Squares and Square Roots
Physics 13	LIGHT (Light, Rectilinear Propagation of Light, Reflection of Light, Laws of Reflection, Kinds of Reflection)
Social Science 13	When People Rebel
Biology 14	REACHING THE AGE OF ADOLESCENCE (Role of hormones in initiating reproductive functions, Reproductive phase of life in humans, How is the sex of the baby determined?)
MAT 14	Non Verbal Reasoning





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Subject	Chapter with topics
Mathematics 14	Cubes And Cube Roots
Physics 14	LIGHT (Characteristics of Image Formed by a Plane Mirror, Lateral Inversion, Reflected light can be Reflected Again, Uses of Plane Mirrors, Spherical Mirrors, Spherical Lenses)
Social Science 14	Judiciary
Biology 15	REACHING THE AGE OF ADOLESCENCE (Characteristics of hormones, Hormones other than sex hormones, Role of hormones in completing the life history of insects and frog, Reproductive Health, Drugs and Youth, Say 'NO' to drugs, Stress Management)
MAT 15	Non Verbal Reasoning
Mathematics 15	Cubes And Cube Roots
Physics 15	LIGHT (Sunlight – White or Coloured, Recombination of White Light, Human Eye, Defects of Vision, Braille System, Curable and Incurable Blindness, Apparent Colour of Object)
Social Science 15	Judiciary
Mathematics 16	Comparing Quantities
Social Science 16	Agriculture
Mathematics 17	Comparing Quantities
Social Science 17	Civilizing the “Native”, Educating the Nation
Mathematics 18	Comparing Quantities
Social Science 18	Understanding Marginalisation
Mathematics 19	Algebraic Expressions and Identities
Social Science 19	Industries
Mathematics 20	Algebraic Expressions and Identities
Social Science 20	Women, Caste and Reform





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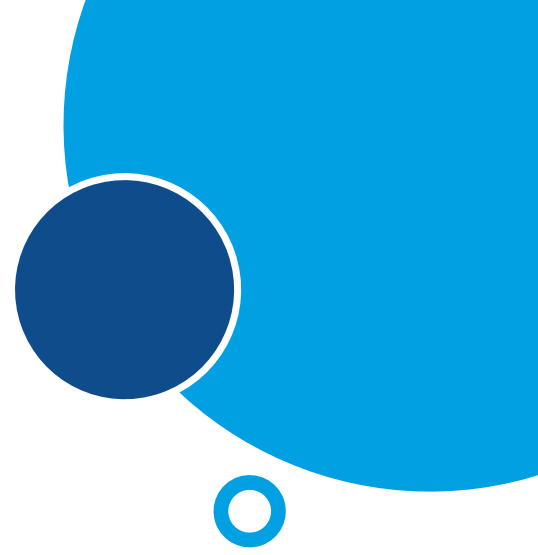
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Subject	Chapter with topics
Mathematics 21	Mensuration
Social Science 21	Confronting Marginalisation
Mathematics 22	Mensuration
Social Science 22	Public Facilities
Mathematics 23	Exponents and Powers
Social Science 23	Human Resources
Mathematics 24	Exponents and Powers
Social Science 24	The Making of the National Movement-1870s -1947
Mathematics 25	Direct and Inverse Proportions
Social Science 25	Law and Social Justice
Mathematics 26	Direct and Inverse Proportions
Mathematics 27	Factorization
Mathematics 28	Factorization
Mathematics 29	Introduction to Graphs
Mathematics 30	Introduction to Graphs





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Summary for Class VIII

RANKER PACKAGE

Year Syllabus	Class VIII
AIATS	6
Unit Tests	6
Part Tests	2
Full Syllabus Tests	2
Daily Practice Tests	105

