

SYLLABUS OF MAT

Test No	Test Name	Test date	Topics of Class	MENTAL ABILITY
1	Minor Test 1	08/07/2018	9	Verbal & Non Verbal Series, Logical sequence of Words, Verbal & Non Verbal Analogy, Coding & Decoding, Verbal & Non-Verbal Classification
2	Minor Test 2	19/08/2018	9	Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Puzzle Test, Analytical Reasoning, Mirror image, Water image
3	Minor Test 3	07/10/2018	9	Number, Ranking & Time Sequence Test, Alpha- Numeric Sequence Puzzle, Inserting the missing Character, Arithmetical Reasoning, Spotting Out the Embedded Figure, Completion of incomplete Pattern, Paper Folding & Paper Cutting
4	Minor Test 4	16/12/2018	9	Blood Relation, Dice & Cube, Dot Situation, Figure Matrix, Figure Formation & Grouping of identical figure, Coding & Decoding, Logical Venn Diagram, Puzzle Test
5	Major Test 1	13/01/2019	9	Full Syllabus
6	Major Test 2	27/01/2019	9	Full Syllabus

SYLLABUS OF SAT

Test No	Test Name	Test date	Topics of Class	PHYSICS	CHEMISTRY	BIOLOGY	MATHS	SOCIAL SCIENCE
1	Minor Test 1	08/07/2018	9	Motion, Force and NLM	Atomic structure, Mole concept	Life and its diversity	Algebra	History - Historical derivation of land and Source of History, In the earliest cities, What book and burials tell us, Economic and social evolution of ancient Indian civilization, New question and ideas, Kings kingdom and early republics, first Empire and Inspiring emperor, Town traders and craftsperson, 1st phase of colonial rule - Bengal & south India
2	Minor Test 2	19/08/2018	9	Work, Power, Energy Measurement	Solution and separation of components of mixture	Levels of organisation of life	Arithmetic, Statistics, Mensuration	History - Rise of different royal dynasties- Khusanas, Satavahanas, 4th-7th century - Gupta dynasty, New kings and kingdom, The legacy of ancient India, Delhi Sultanate, Mughal Empire, Sufi and bhakti movement with flowering of regional culture
3	Minor Test 3	07/10/2018	9	Matter: Structure and properties	Acids, bases and salts	Physiological processes of life	Geometry	History - Town traders and craftsperson, 1st phase of colonial rule - Bengal & south India GEOGRAPHY - Earth as a Planet, Movements of the Earth, Determination of location of a place on the earth's surface (LATITUDE & LONGITUDE), Geomorphic Process and Landforms of the Earth, Physical Features of India
4	Minor Test 4	16/12/2018	9	Heat, Sound	Water	Biology and human welfare, environment and its resources	Co-ordinate geometry, Set Theory, Probability Theory	GEOGRAPHY - Weathering, Hazards & Disasters, Resources of India, West Bengal - Maps and Scales, CIVICS - Constitution of Independent India, Fundamental Rights
5	Major Test 1	13/01/2019	9	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus
6	Major Test 2	27/01/2019	9	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus

NTSE PAPER PATTERN AND MARKING SCHEME

PAPER	TEST	NUMBER OF QUESTIONS	QUESTION NUMBERING	MARKS	TIME DURATION	REMARKS
PAPER-I	Mental Ability Test (MAT)	100	Q.1-Q.100	100	120 min.	NO NEGATIVE MARKING IN BOTH PAPERS
PAPER-II	Scholastic Aptitude Test (SAT)	100	Phy- Q.1-Q.14 Che-Q.15-Q.27 Bio-Q.28-Q.40 Maths-Q.41-Q.60 SST-Q.61-Q.100	100	120 min.	