

NTSE – STAGE 1

SYLLABUS CONTENTS AND QUESTION DISTRIBUTION

Part – I MAT (Xth Standard level) 90 Questions

Part – II SAT Syllabus

IX Std. : New State Syllabus – all contents

Mathematics

Science

Social Science

X Std. : New State Syllabus

(1) Mathematics :

- (i) Algebra
- (ii) Coordinate Geometry
- (iii) Geometry
- (iv) Trigonometry
- (v) Mensuration
- (vi) Graphs

(2) Science

(a) Physics :

- (i) Measuring Instruments
- (ii) Laws of Motion and Gravitation
- (iii) Electricity and Energy
- (iv) Light

(b) Chemistry :

- (i) Atoms and Molecules
- (ii) Chemical Reactions
- (iii) Periodic Classification of Elements

(c) Biology :

- (i) Heredity and Evolution
- (ii) My Body
- (iii) Life Processes
- (iv) Conservation of Environment
- (v) Waste Water Management

(3) Social Science :

(a) History :

- (i) Imperialism – Imperialism in India and China
- (ii) First World War A.D. 1914 – A.D. 1918 – League of Nations
- (iii) World between the wars – A.D. 1919 – A.D. 1939 Economic depression
- (iv) Fascism in Italy A.D. 1922 – A.D. 1945

- (v) Nazism in Germany A.D. 1933 – A.D. 1945
- (vi) Second World War AD 1939 – A.D. 1945
- (vii) The United Nations Organisations
- (viii) European Union
- (ix) The Great Revolt of 1857
- (x) Social and Religious Reform Movements in the 19th Century

(b) Geography :

- (i) India – Location and Physiography
- (ii) India – Climate
- (iii) India – Natural Resources
- (iv) India – Agriculture
- (v) India – Industries
- (vi) Environmental Issues

(c) Civics / Political Science :

- (i) Democracy
- (ii) Unity in Diversity
- (iii) Consumer rights

(d) Economics :

- (i) National Income
- (ii) Development *
- (iii) Sectors of the Indian Economy*
- (iv) Money and Credit*

(* indicates from NCERT 10th Std. Text Book)

Distribution of Questions – Subjectwise

Subject		IXth	Xth	Sub-Total	Total
Science	Physics	3	9	12	35
	Chemistry	2	9	11	
	Biology	3	9	12	
Mathematics		5	15	20	20
Social Science	History	2	8	10	35
	Geography	2	8	10	
	Civics / Pol.Science	2	8	10	
	Economics	1	4	5	
TOTAL		20	70	90	90

Note : Students are advised to go through the corresponding contents in the NCERT Text Books also.