

# COURSE PLANNER

For Students of

**CLASS-VII**

**PREMIUM PROGRAM** | Academic Session: 2017-2018



Medium: **English**

**Course Concept:** The Program prepare students for OLYMPIADS & build strong foundation that leads to Excellent performance in Engineering & Medical Examinations along with excellence in school studies.

**Course Commencement: 03.04.2017 | Course Ends: 24.02.2018**

## TEACHING/LEARNING TOOLS

- ♦ Classroom Teaching
- ♦ Daily Practice Problems (DPPs)
- ♦ Study Material (Sheet/Modules)
- ♦ Periodic Tests
- ♦ Doubt Classes
- ♦ SEP Sheets

## TOTAL ACADEMIC HOURS

- ♦ Course Duration: 47 Weeks
- ♦ Total Number of Lectures: 726
- ♦ Duration of one lecture: 50 minutes
- ♦ Total Duration of Classroom Teaching: 605 hrs
- ♦ Total Duration of Testing: 81 hrs
- ♦ Total Academic Hours: 686 hrs

## DISCLAIMER

- ♦ The Institute reserves the right to increase/decrease the number of lectures allotted to any topic and also make changes in the sequence of the topics in each subject depending upon the course requirements.
- ♦ This Course Planner in all respects is applicable only at Kota (Rajasthan) SCs. At other Resonance Study Centers, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- ♦ The information given in this Course Planner is proposed for Academic Session 2017-18. The institute reserves the right to make changes in it in the interest of students.

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# SUBJECT WISE SYLLABUS PLAN

## SANSKRIT

S.No.	Topic Name	No. of Classes	Topic Start Date
1	सुभाषितानि	1	03-Apr-17
2	दुर्बुद्धः विनश्यति	2	10-Apr-17
3	संख्याज्ञानम्	1	24-Apr-17
4	स्वावलम्बनम्	2	01-May-17
5	हास्यबालककविसम्मेलनम्	2	15-May-17
6	शब्द रूप, लकारस्य परिचयः	2	03-Jul-17
7	पण्डिता रमाबाई	2	17-Jul-17
8	सदाचारः	2	31-Jul-17
9	संकल्पः सिद्धिदायकः, संख्याज्ञानम्, अव्यय पदानां परिचयं	3	14-Aug-17
10	त्रिवर्णः ध्वजः	2	09-Oct-17
11	विमानयानं रचयाम, विश्वबन्धुत्वम्	3	06-Nov-17
12	समवायो हि दुर्जयः	2	27-Nov-17
13	विद्याधनम्, अमृतं संस्कृतम्, अनारिकायाः जिज्ञासा	3	11-Dec-17
14	तालनगीतम् + Revision	4	15-Jan-18
<b>Total</b>		<b>31</b>	

## SUBJECT WISE REVISION & DOUBT CLASSES

S.No.	Subject Name	No. of Classes
1	Physics	11
2	Chemistry	9
3	Mathematics	25
4	Biology	15
5	Social Science	11
6	Personality Development (PD)	16
7	OD (Out door Activity) and Dance	44
<b>Total</b>		<b>131</b>

## MATHEMATICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Integers	5	03-Apr-17
2.	fractions and decimals	8	17-Apr-17
3.	rational number	5	01-May-17
4.	"lines and angles"	5	10-May-17
5.	Triangles	7	26-Jun-17
6.	"Congruency of Triangles"	5	10-Jul-17
7.	Exponents	3	24-Jul-17
8.	"Algebraic Expressions"	10	31-Jul-17
9.	Statistics, Probability	8	03-Oct-17
10.	construction	5	30-Oct-17
11.	"symmetry and visualizing solid shapes"	2	13-Nov-17
12.	Mensuration	7	20-Nov-17
13.	linear equation	3	09-Dec-17
14.	"Ratio and Proportion"	5	18-Dec-17
15.	Percentage	5	08-Jan-18
16.	"Profit loss discount", Simple Interest	6	22-Jan-18
<b>Total</b>		<b>89</b>	

## PHYSICS

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Measurement	5	03-Apr-17
2.	Motion and Time	8	19-Apr-17
3.	Heat	7	10-May-17
4.	Sound	10	10-Jul-17
5.	"Electrical Current and Its Effect"	10	04-Sep-17
6.	Light	10	13-Nov-17
7.	Winds, Storm and Cyclones	6	08-Jan-18
8.	Universe	3	29-Jan-18
<b>Total</b>		<b>59</b>	

## WEEKLY LECTURE PLANNER (PER SUBJECT)

Week No.	Week Duration		No. of Lecture																	Total No. of Lecture
	From	To	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Comp	OD & Dance	DC-P	DC-C	DC-M	DC-B	PD		
W1	3/4/17	8/4/17	2	2	3	2	2	3	1	2	1	1		1						
W2	10/4/17	15/4/17	2	2	3	2	2	2	1	2	1	1								
W3	17/4/17	22/4/17	3	2	4	3	3	2	1	2	1	2		1						
W4	24/4/17	29/4/17	2	3	4	2	3	3	2	2	1	2		2			1	1		
W5	1/5/17	6/5/17	2	2	3	3	3	2	2	2	1	2		2						
W6	8/5/17	13/5/17	3	2	4	2	3	3	1	2	1	2		2						
W7	15/5/17	20/5/17	2	3	4	3	3	3	2	2	1	2		2						
W8	22/5/17	27/5/17																		
W9	29/5/17	3/6/17																		
W10	5/6/17	10/6/17																		
W11	12/6/17	17/6/17																		
W12	19/6/17	24/6/17																		
W13	26/6/17	1/7/17	2	2	3	2	2	2	1	2	1	2		1						
W14	3/7/17	8/7/17	2	2	2	2	2	2	3	1	2	1		2				1		
W15	10/7/17	15/7/17	2	2	3	2	2	2	3	1	2	1		2						
W16	17/7/17	22/7/17	2	2	3	2	2	2	3	1	2	1		2				1		
W17	24/7/17	29/7/17	2	2	3	2	2	3	1	2	1	2		1				1		
W18	31/7/17	5/8/17	2	2	3	2	2	2	3	1	2	1		2				1		
W19	7/8/17	12/8/17	2	2	3	2	2	2	3	1	1	1		1				1		
W20	14/8/17	19/8/17	1	1	2	1	2	3	1	1	1	1		1						
W21	21/8/17	26/8/17	1	1	3	1	2	3	2	2	1	2		1				1		
W22	28/8/17	2/9/17	0	0	0	0	0	0	0	0	0	0								
W23	4/9/17	9/9/17	0	0	0	0	0	0	0	0	0	0								
W24	11/9/17	16/9/17																		
W25	18/9/17	23/9/17																		
W26	25/9/17	30/9/17																		
W27	2/10/17	7/10/17	2	2	3	2	2	2	1	2	1	2		1						
W28	9/10/17	14/10/17	2	2	3	2	2	2	3	1	2	1		2				1		
W29	16/10/17	21/10/17	0	0	0	0	0	0	0	0										
W30	23/10/17	28/10/17	1	1	2	1	1	1	1	1		1								
W31	30/10/17	4/11/17	2	2	3	2	2	3	1	2	1	2		2						
W32	8/11/17	13/11/17	2	2	3	2	2	3	1	2	1	2		2						
W33	13/11/17	18/11/17	2	2	3	2	2	3	1	2	1	2		2				1		
W34	20/11/17	25/11/17	2	2	3	2	2	3	1	2	1	1		1				1		
W35	27/11/17	2/12/17	2	2	3	2	2	3	1	2	1	1		1						
W36	4/12/17	9/12/17	2	2	2	2	2	2	3	1	2	1		2				1		
W37	11/12/17	16/12/17	2	2	3	2	2	3	3	1	2	1		1						
W38	18/12/17	23/12/17	2	2	2	2	2	3	1	2	1	2		1						
W39	25/12/17	30/12/17																		
W40	1/1/18	6/1/18																		
W41	8/1/18	13/1/18	2	2	3	2	2	2	1	2	1	1		1						
W42	15/1/18	20/1/18	1	1	2	2	3	1	1	1	1	1		1						
W43	22/1/18	27/1/18	2	2	3	1	2	2	1	2	1	2		1				1		
W44	29/1/18	3/2/18	2	2	3	1	3	3	1	3	2	1		2				2		
W45	5/2/18	10/2/18	0	0	0	0	0	0	0	0								1		
W46	12/2/18	17/2/18	0	0	0	0	0	0	0	0										
W47	19/2/18	24/2/18			1		1	3	1	2	1	2		2				3		

## SOCIAL SCIENCE

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Tracing Changes Through A thousand years	2	03-Apr-17
2.	Environment	2	10-Apr-17
3.	Equality In Indian Democracy	2	17-Apr-17
4.	New Kings and kingdoms	2	20-Apr-17
5.	Inside our Earth	2	26-Apr-17
6.	The Delhi Sultans	3	01-May-17
7.	Our Changing Earth	2	08-May-17
8.	State Government and its Role in Health	3	12-May-17
9.	The Mughal Empire	2	18-May-17
10.	Rulers and Builders	4	03-Jul-17
11.	AIR	3	10-Jul-17
12.	Gender and the role of women	5	24-Jul-17
13.	map work + project	2	07-Aug-17
14.	WATER	4	21-Aug-17
15.	Media and Advertisement	3	03-Oct-17
16.	Town traders and craft persons	3	11-Oct-17
17.	Natural vegetation and wild life	3	30-Oct-17
18.	Tribes ,nomads and settled communities	3	08-Nov-17
19.	Human environment and settlement	3	20-Nov-17
20.	Devotional path to divine	3	29-Nov-17
21.	The Tropical and subtropical Region	2	11-Dec-17
22.	The making of regional Culture	3	03-Dec-17
23.	Market	3	08-Jan-18
24.	Life in Temperate grassland	2	15-Jan-18
25.	Life in the Desert	1	22-Jan-18
26.	Eighteenth century Political Formation+ Revision	3	29-Jan-18
27.	<b>Total</b>	<b>69</b>	

## MENTAL ABILITY

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Playing alphabets	2	03-Apr-17
2.	Trains	5	17-Apr-17
3.	Magical Figures	3	08-May-17
4.	Operate the problems	3	26-Jun-17
5.	Words in problems	3	17-Jul-17
6.	At the Destination	2	07-Aug-17
7.	Be Regular	3	21-Aug-17
8.	Sit down	2	09-Oct-17
9.	Magic mystery	2	30-Oct-17
10.	Compare & out	1	13-Nov-17
11.	Countdown	2	20-Nov-17
12.	The time is right	1	04-Dec-17
13.	Figure Train and Figure out	2	11-Dec-17
14.	Throw it	3	08-Jan-18
15.	Get the image	2	22-Jan-18
	<b>Total</b>	<b>36</b>	

## BIOLOGY

S.No.	Topic Name	No. of Classes	Topic Start Date
1.	Nutrition in plants	4	03-Apr-17
2.	Nutrition in Animals	4	17-Apr-17
3.	Weather, climate & adaptation	4	26-Apr-17
4.	Respiration	6	08-May-17
5.	Transportation	6	28-Jun-17
6.	Forest our life line	3	20-Jul-17
7.	Soil	4	31-Jul-17
8.	Reproduction	5	03-Oct-17
9.	Food	7	30-Oct-17
10.	Movement in animals	5	29-Nov-17
11.	Cellular level of organisation+Revision	10	18-Dec-17
	<b>Total</b>	<b>58</b>	

## School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Solve Date	Check Date	Test Syllabus					
			Physics	Chemistry	Mathematics	Biology	English	Social Science
1	3/4 to 15/4	24/4 to 29/4	Measurement		Integers	Nutrition in plants	Noun	
2	17/4 to 6/5	15/5 to 20/5	Motion and Time		fractions and decimals		Pronoun	*Tracing Changes Through A thousand years+ Equality In Indian Democracy + Inside our Earth*
3	8/5 to 20/5	5/6 to 10/6			rational number	Nutrition in Animals	*Irregular verbs+ message+ notice + One word substitution*	Environment+New Kings and kingdoms + The Delhi Sultans
4	22/5 to 3/6	26/6 to 1/7		"GENERAL CHEMISTRY"	"lines and angles"	Weather, climate & adaptation	Letter writing	
5	5/6 to 8/7	17/7 to 22/7	Heat		Triangles	Respiration	Adjective+ Article/report/speech	State Government and its Role in Health + Rulers and Builders
6	10/7 to 22/7	7/8 to 12/8			"Congruency of Triangles"	Transportation	Adverbs+ Degree of comparison	Our Changing Earth + The Mughal Empire + AIR
7	24/7 to 29/7	28/8 to 2/9	Sound	"Fibre to Fabric "	Exponents	Forest our life line	conditionals	
8	31/7 to 9/9	2/10 to 7/10		"Acids, Bases and Salts "	"Algebraic Expressions"	Soil	Tense + Active-passive voice	Gender & the role of women+ WATER
9	2/10 to 14/10	23/10 to 28/10			Statistics		Idioms and phrases	Media and Advertisement
10	23/10 to 28/10	13/11 to 18/11	"Electrical Current & Its Effect"		Probability	Reproduction	Prepositions+Synonyms+antonyms	Town traders and craft persons
11	30/10 to 11/11	4/12 to 9/12			construction		Determiners + Conjunctions	Natural vegetation and wild life
12	13/11 to 18/11	1/1 to 6/1	Light		"symmetry & visualizing solid shapes"			Tribes, Nomads & settled communities
13	20/11 to 6/12	22/1 to 27/1			Mensuration	Food		Human environment and settlement
14	8/12 to 16/12	1/1 to 6/1		Physical & Chemical Changes	linear equation	Movement in animals		The Tropical and subtropical Region
15	18/12 to 6/1	22/1 to 27/1			"Ratio and Proportion"		*Homophones and Homonyms + article/ report/speech + Reported speech *	Devotional path to divine + The making of regional Culture
16	8/1 to 20/1	5/2 to 10/2			Percentage		Analogy + Modals	Market
17	22/1 to 3/2	5/2 to 10/2	Wind, Storm & Cyclones		"Profit loss discount"	Cellular level of organisation	Subject verb concord	Life in Temperate grassland + Eighteenth century Political Formation
18	12/2 to 17/2	5/2 to 10/2	Universe	"Water-A Precious Resource"	Simple Interest		Diary entry + story writing + Error spotting	Life in the Desert

HINDI			
S.No.	Topic Name	No. of Classes	Topic Start Date
1	हम पंखी उन्मुक्त गगन के ( कविता )	2	03-Apr-17
2	दादी माँ ( कहानी )	2	10-Apr-17
3	वर्ण-विचार	2	17-Apr-17
4	हिमालय की बेटियाँ ( निबंध )	2	24-Apr-17
5	कठपुतली ( कविता )	2	01-May-17
6	संधि ( स्वर संधि )	3	08-May-17
7	मिठाईवाला ( कहानी )	2	26-Jun-17
8	रक्त और हमारा शरीर ( निबन्ध )	2	03-Jul-17
9	पापा खो गए ( नाटक )	2	17-Jul-17
10	एक किसान ( कविता )	2	24-Jul-17
11	चिड़िया की बच्ची ( कहानी )	2	31-Jul-17
12	अपूर्व अनुभव ( संस्मरण )	2	07-Aug-17
13	अपठित गद्यांश, अपठित काव्यांश, पत्र-लेखन	3	14-Aug-17
14	निबन्ध- लेखन	2	11-Sep-17
15	रहीम के दोहे ( कविता )	2	02-Oct-17
16	कंचा ( कहानी )	2	09-Oct-17
17	समास ( अव्ययीभाव, द्वंद्व, द्विगु )	2	30-Oct-17
18	एक तिनका ( कविता )	2	06-Nov-17
19	खान-पान की बदलती तसवीर ( निबंध )	2	13-Nov-17
20	पर्यायवाची, नीलकण्ठ ( रेखाचित्र )	4	20-Nov-17
21	भोर और बरखा ( कविता )	2	04-Dec-17
22	वीर कुँवर सिंह ( जीवनी ) , विलोम शब्द	3	11-Dec-17
23	संघर्ष के कारण मैं तुतुकमिजाज हो गया; धनराज ( साक्षात्कार )	2	08-Jan-18
24	आश्रम का अनुमानित व्यय ( लेखा - जोखा )	2	15-Jan-18
25	विप्लव गायन ( कविता ) , कहानी लेखन+Revision	6	22-Jan-18
<b>Total</b>		<b>59</b>	

COMPUTER			
S.No.	Topic Name	No. of Classes	Topic Start Date
1	Introduction to computer	8	03-Apr-17
2	More on Windows 8.1	6	08-May-17
3	More on MS Excel 2010:Formule and Functions	5	03-Jul-17
4	charts in MS Excel 2010	8	24-Jul-17
5	computer virus	7	03-Oct-17
6	learn to use adobe flash	8	06-Nov-17
7	more on internet, more on ICT	10	11-Dec-17
<b>Total</b>		<b>52</b>	

ENGLISH			
S.No.	Topic Name	No. of Classes	Topic Start Date
1	Noun+ Comprehension	3	03-Apr-17
2	Pronoun	2	10-Apr-17
3	irregular verbs, message+notice+the squirrel	2	17-Apr-17
4	The three questions, the tiny teacher	4	24-Apr-17
5	A gift of chappals, one word	2	01-May-17
6	Bringing up kari, the rebel	3	08-May-17
7	letter writing+ adjectives+ the shed	3	15-May-17
8	Degrees of comparison	2	26-Jun-17
9	gopal and the hilsa fish, the desert	3	03-Jul-17
10	The cop and the anthem	2	10-Jul-17
11	adverbs	3	17-Jul-17
12	article,report,speech	3	24-Jul-17
13	the ashes that made trees bloom+ tense	3	31-Jul-17
14	golu grows a nose+ tense	2	07-Aug-17
15	tense+ conditionals	3	14-Aug-17
16	Quality+ trees+ active passive	3	21-Aug-17
17	idioms and phrases, expert detectives	2	03-Oct-17
18	I want something in a cage + Mystery of the talking fan, dad and the cat and the tree	4	09-Oct-17
19	Prepositions	2	23-Oct-17
20	the invention of the vita wonk	2	30-Oct-17
21	chandni,determiners	3	06-Nov-17
22	meadow surprises, synonyms & antonyms	3	13-Nov-17
23	fire-friend and foe	3	20-Nov-17
24	analogies+ diary + quiz	3	27-Nov-17
25	a bicycle in good repair	2	04-Dec-17
26	reported speech	4	11-Dec-17
27	the story of cricket, the bear story	3	08-Dec-17
28	a tiger in the house, an alien hand	2	08-Jan-18
29	conjunctions, modals, sva	6	15-Jan-18
30	revision, test, quiz	4	19-Feb-18
<b>Total</b>		<b>86</b>	

CHEMISTRY			
S.No.	Topic Name	No. of Classes	Topic Start Date
1.	"GENERAL CHEMISTRY"	14	03-Apr-17
2.	"Fibre to Fabric "	13	15-May-17
3.	"Acids, Bases and Salts "	5	24-Aug-17
4.	Physical and Chemical Changes	14	03-Oct-17
5.	"Water - A Precious Resource"	13	06-Dec-17
<b>Total</b>		<b>59</b>	

## PTSM SCHEDULE

2nd Saturday of the Month

PTSM#1

13

May 2017

PTSM#2

8

July 2017

PTSM#3

12

August 2017

PTSM#4

14

October 2017

PTSM#5

11

November 2017

PTSM#6

13

January 2018

PTSM#7

10

February 2018



## HOLIDAYS / VACATIONS

1. Ramnavmi	05-Apr-2017	17. Dussehra	30-Sep-2017
2. Second Saturday	08-Apr-2017	18. Muharram	01-Oct-2017
3. Mahaveer Jayanti	09-Apr-2017	19. Gandhi Jayanti	02-Oct-2017
4. Ambedkar Jayanti	14-Apr-2017	20. Diwali	16-Oct to 25-Oct-2017
5. Summer Break	22-May to 24-Jun-2017	21. Guru Nanak Jayanti	04-Nov-2017
6. Eid al-Fitr	26-Jun-2017	22. Barabafat (Id-e-Milad)	01-Dec-2017
7. Raksha Bandhan	07-Aug-2017	23. Winter Vacation	25-Dec-2017 to 6-Jan-2018
8. Janmashtami	14-Aug-2017	24. Swami Vivekananda Jayanti	08-Jan-2018
9. Independence Day	15-Aug-2017	25. Makar Sankranti	14-Jan-2018
10. Ganesh Chaturthi	25-Aug-2017	26. Vasant Panchami	22-Jan-2018
11. Eid al-Adha, Bakrid	02-Sep-2017	27. Republic Day	26-Jan-2018
12. Anant Chaturdashi	05-Sep-2017	28. Maha Shivaratri	13-Feb-2018
13. Term Break	11-Sep to 27-Sep-2017	29. Holi	01 & 02-Mar-2018
14. Navratra Sthapna	21-Sep-2017	30. Chetti Chand	19-Mar-2018
15. Durga Ashtami	28-Sep-2017	31. Ram Navami	25-Mar-2018
16. Maha Navami	29-Sep-2017	32. Mahavir Swami Jayanti & Good Friday	29 & 30 Mar-2018

## ACTIVITIES

Date	Activity	Class	Date	Activity	Class
15.04.17	Slogan Writing & Sports*	5 to 9	07.10.17	Rangoli & Diya Making *	5 to 8
22.04.17	Extempore & Hindi Debate	5 to 9	28.10.17	Antakshari *	5 to 8
06.05.17	Poster Making & Sports*	5 to 8	18.11.17	Cooking without fire *	5 to 9
01.07.17	"Essay Writing"	5 to 10	25.11.17	Maths quiz	8,9,10
01.07.17	Model Making	5 to 8	02.12.17	GK Quiz Competition	5 to 8
15.07.17	Advertisement recognition & Best out of waste*	5 to 8	09.12.17	Picnic	5 to 8
29.07.17	Classes / Picnic	All Classes	16.12.17	Dance Competition *	5 to 10
05.08.17	Card Making & sports*	5 to 8	22 & 23.12.17	Sports Event	5 to 10
19.08.17	Trip to visit science club	8,9,10	18, 19, 20.01.18	Goonj	All
26.08.17	Sports & Class	5,6,7	03.02.18	Flower Arrangement & Classes *	5 to 8
09.09.17	Sports	5 to 8			

\* These activities will be used for Co-Scholastic Evaluation.

# Academic Planning & Test Grid

Olympiad Pattern Part Test (OPT), Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Open Test (OT) Syllabus and Result Communication																
Period	P.T. Test (PT) Type & No.	Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer	Testing Hours	Tentative Result	Final Result
	OPT-1	23.04.17	Objective	Measurement (upto system of units)	GENERAL CHEMISTRY (Matter, Atomic Structure, Periodic Table, Theory, Merits & Demerits of Dalton's Atomic Theory)	Integers	Nutrition in plants	Tracing Changes & Environment	Noun + Pronoun + Comprehension	Playing alphabets	N.A	N.A	N.A	2	27.04.17	01.05.17
	OCT-1	14.05.17	Objective	Measurement, Motion and Time (upto Application of force of Gravity.)	GENERAL CHEMISTRY (till valency)	Integers, Fractions and Decimals	Nutrition in animals, Weather climate adaptation (Aquatic, Amphibious)	Environment & Equality in Indian Democracy, New kings and kingdoms, Inside our earth	The three questions, the tiny teacher, a gift of chappals	Playing alphabets, Trains series, Alphabet series)	N.A	N.A	N.A	2	18.05.17	22.05.17
Class Test	1	20.05.17	Objective (Hindi-Grl, Hindi-Gal, Comp. Sam)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	1	24.05.17	28.05.17
SEP-1	SEP-1	04.06.17	Subjective (Maths & SST)	N.A	N.A	rational number, fractions and decimals, lines and angles	N.A	The Delhi Sultans, Our Changing Earth	N.A	N.A	N.A	N.A	N.A	3	17.06.17	20.06.17
SEP-1	SEP-1	09.07.17	Subjective (Sci. & Eng)	Measurement, Motion and time full, heat (upto Conduction)	GENERAL CHEMISTRY	N.A	Nutrition in Plants and Animals, Weather climate and Adaptation & Respiration	N.A	Letter writing, article+ report+ speech Adjective, message+ notice	N.A	N.A	N.A	N.A	3	22.07.17	25.07.17
SEP-1	SEP-1	14.07.17	Subjective (Sanskrit)	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	3	27.07.17	30.07.17
SEP-1	SEP-1	22.07.17	Subjective (Hindi-Grl, Hindi-Gal, Comp. Sam)	Heat (from Convection to Thermos Flask), Sound (upto: Propagation of sound, Nature of sound)	FIBRE TO FABRIC Till Rearing of Silk To Obtain Cocoons)	triangles, congruency of triangles	Transportation.	State Government and its Role in Health, The Mughal Empire, Water	Adverbs + Reading comprehension	Magical Figures, Operate the problems	N.A	N.A	N.A	3	04.08.17	07.08.17
OPT-2	OPT-2	30.07.17	Objective	Heat, Sound.	Fibre to Fabric	Triangles, congruency of triangles, exponents, algebraic expression (addition and subtraction)	Transportation & forest our lifeline	Air, Gender and the role of women	Tense	Operate the problems, Words in problems, At the Destination	N.A	N.A	N.A	2	03.08.17	07.08.17
OCT-2	OCT-2	20.08.17	Objective	NA	N.A	N.A	N.A	N.A	Idioms + Reading comprehension	N.A	N.A	N.A	N.A	2	24.08.17	28.08.17
Class Test	2	24.08.17	Objective (Hindi-Grl, Hindi-Gal, Comp. Sam)	Electrical Current and its Effect (upto Effects of electric current)	ACID BASE & SALT (Till Some Important Bases And Their Uses)	algebraic expression, statistics	Reproduction	Media and advertisement, Town traders and crafts persons	Idioms + Reading comprehension	Be Regular, Sit down (simple question)	N.A	N.A	N.A	1	28.08.17	01.09.17
MT	MT	29.10.17	Subjective	Electrical Current and its Effect (from Fuse to safety measures in using electricity)	ACID BASE & SALT COMPLETE	probability, statistics, symmetry	Reproduction & Food up to crop production.	Natural vegetation and wild life, Tribes, nomads and settled communities	Prepositions	Be Regular, Sit down, Magic mystery.	N.A	N.A	N.A	2	02.11.17	06.11.17
Class Test	3	03.11.17	Objective (Hindi-Grl, Hindi-Gal, Comp. Sam)	Electrical Current and its Effect (from Fuse to safety measures in using electricity)	ACID BASE & SALT COMPLETE	probability, statistics, symmetry	Reproduction & Food up to crop production.	Human environment and settlement, Devotional path to divine	Idioms + Reading comprehension	Be Regular, Sit down, Magic mystery.	N.A	N.A	N.A	1	07.11.17	11.11.17
OCT-3	OCT-3	19.11.17	Objective	Electrical Current and its Effect, Light.	PHYSICAL & CHEMICAL CHANGE	Statistics: Probability, symmetry and visualising solid shapes, Mensuration (up to trapezium)	Reproduction & Food up to crop production.	Human environment and settlement, Devotional path to divine	Prepositions	Be Regular, Sit down, Magic mystery.	N.A	N.A	N.A	2	23.11.17	27.11.17
SEP-2	SEP-2	10.12.17	Subjective (SST)	NA	NA	Statistics: Probability, symmetry and visualising solid shapes, Mensuration (up to trapezium)	NA	NA	N.A	N.A	N.A	N.A	N.A	3	23.12.17	26.12.17
SEP-2	SEP-2	15.12.17	Subjective (Sanskrit)	NA	NA	NA	NA	NA	N.A	N.A	N.A	N.A	N.A	3	28.12.17	31.12.17
SEP-2	SEP-2	07.01.18	Subjective (Sci. & Eng)	Electrical Current and its Effect, Light.	PHYSICAL & CHEMICAL CHANGE	NA	Reproduction, Food & locomotion.	Reported speech + Article + message + Proverbs	Reported speech + Article + message + Proverbs	N.A	N.A	N.A	N.A	3	25.01.18	28.01.18
SEP-2	SEP-2	12.01.18	Subjective (Hindi-Grl, Hindi-Gal, Comp. Sam)	NA	NA	NA	NA	NA	Reported speech + Article + message + Proverbs	N.A	N.A	N.A	N.A	3	25.01.18	28.01.18
OPT-4	OPT-4	28.01.18	Objective	Winds, Storms and Cyclones	WATER A Precious Resource (Till Waste of Water)	mensuration, linear equation, ratio and proportion, percentage	Cellular level of organisation	The Tropical and subtropical Region, The making of regional Culture, Market	Reported speech + Comprehension	Figure, Train and Figure out, Thrownit, Get the image	N.A	N.A	N.A	2	01.02.18	05.02.18
MT	MT	24.02.18	Subjective	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	NA	NA	NA	NA	NA	NA	18	24.02.18	28.02.18
OT-1	OT-1	11.02.18	Objective	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	NA	NA	NA	NA	NA	NA	2	15.02.18	19.02.18
OT-2	OT-2	18.02.18	Objective	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	NA	NA	NA	NA	NA	NA	2	22.02.18	26.02.18

Date of Reshuffling of Batches: 25.05.2017 | 02.10.2017

Total Testing Hours 81

# NATIONAL TALENT BENCHMARK TEST

**NTBT**

**OPEN CHALLENGE**

**COMPARE YOUR  
PERFORMANCE WITH  
ALL INDIA TOPPERS**



	<b>OLYMPIAD</b>			<b>IJSO</b>	<b>Pre-NTSE</b>	<b>NTSE</b>
<b>Class</b>	<b>VI</b>	<b>VII</b>	<b>VIII</b>	Students of class-X or lower born on or after 1 Jan. 2003	<b>IX</b>	<b>X</b>
<b>No. of Test</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>26</b>	<b>9</b>	<b>20</b>