

COURSE PLANNER

For Students of
CLASS-8th

PREMIUM PROGRAM



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: 05.04.2023 | Course Ends: 17.02.2024

TEACHING/LEARNING TOOLS

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

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 46 Weeks
- ♦ Total Number of Lectures: 934
- ♦ Duration of one lecture: 50 minutes
- ♦ Total Duration of Classroom Teaching: 778 hrs
- ♦ Total Duration of Testing: 92 hrs
- ♦ Total Academic Hours: 870 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 2023-24. The institute reserves the right to make changes in it in the interest of students.

CALL US FOR MORE DETAIL :
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SUBJECT WISE SYLLABUS PLAN

PHYSICS

S.No.	Topic Name	No. of Classes
1.	Force	8
2.	Pressure	6
3.	Friction	6
4.	Sound	10
5.	Electricity	12
6.	Light	17
7.	Earthquakes	3
8.	"Rain, Thunder and lightning"	4
9.	The Night Sky	6
	Total	72

MATHS

S.No.	Topic Name	No. of Classes
1.	Rational Numbers	10
2.	"Squares & square roots"	11
3.	Cubes and cube roots	8
4.	Linear equation in one variable	6
5.	Quadrilaterals	7
6.	Construction of quadrilaterals	4
7.	"Playing with numbers"	5
8.	Algebraic expressions	8
9.	Algebraic Identities	6
10.	Exponents and power	5
11.	Percentage and its application	8
12.	Compound Interest	5
13.	Direct and inverse variation	8
14.	Visualising Solid Shapes	4
15.	Mensuration	9
16.	"Introduction to graph "	6
17.	Data handling	5
18.	Probability	5
19.	Revision	22
	Total	142

BIOLOGY

S.No.	Topic Name	No. of Classes
1.	Crop production and management	10
2.	Micro organisms friend & foe	12
3.	Conservation of plants and animals	11
4.	Cellular level of organisation	12
5.	Reproduction in animals	8
6.	Pollution of air and water	4
7.	Reaching the age of Adolescence	7
8.	Revision	8
	Total	72

ENGLISH

S.No.	Topic Name	No. of Classes
1.	Noun ,Reading Comprehension	3
2.	Pronoun,Writing Section (Notice& Essay writing)	3
3.	Irregular verbs,The Ant and The Cricket	2
4.	The Best Christmas Present ,Tense	4
5.	Conditionals, Adjective	3
6.	The Geography Lesson, How The Camel Got its Hump	3
7.	One word substitution, Adverb	3
8.	Active Passive,	2
9.	Macavity : The Mystery Cat	2
10.	Direct and Indirect speech,	3
11.	Children At Work	2
12.	Tsunami,The Last Bargain	3
13.	Glimpses of the Past,Subject Verb Agreement	4
14.	The School Boy,The Selfish Giant	3
15.	Modals	4
16.	Bepin Chaudhary's Lapse of Memory	2
17.	Phrasal verbs, Synonyms and antonyms	1
18.	The Summit Within	2
19.	Speech and Report writing,The Treasure Within	3
20.	"The Duck and The Kangaroo, Diary writing, Letter and Story writing "	3
21.	This is Jody's Fawn, Article writing	3
22.	Idioms,Determiners	5
23.	Preposition, When I Set Out For Lyonesse	3
24.	Princess September	2
25.	The Fight, A Visit To Cambridge	2
26.	The Grasshoper &the Cricket, A Short Monsoon Diary	3
27.	Conjunction,The Open Window, Jalebis	6
28.	The Great Stone Face I,The Great Stone Face II	2
29.	The Comet I ,The Comet II	4
30.	Revision	12
	Total	96

COMPUTER

S.No.	Topic Name	No. of Classes
1.	Computer Networking	6
2.	Learn to use MS Access 2010	10
3.	Queries, Forms and Reports in MS Access 2010	6
4.	Introduction to HTML	10
5.	More on HTML 5	6
6.	Latest Technology Development	8
7.	Loops & Function In python	10
8.	Artificial Intelligence	6
9.	Robotics	4
10.	Revision	8
	Total	74

MENTAL ABILITY		
S.No.	Topic Name	No. of Classes
1.	Test of alphabets	2
2.	Logical numbers	2
3.	Repeat the letters	1
4.	Magic of figures	1
5.	Operations	2
6.	Secret of the words	2
7.	Journey ends	1
8.	Sequencing	2
9.	Blood sample	2
10.	Sit over here	2
11.	Unlock the mystery	2
12.	Pictures	1
13.	Throw it	1
14.	Date and time	2
15.	Compare & out	1
16.	Figure situation	2
17.	Mixture	3
18.	Revision	13
	Total	42

SANSKRIT		
S.No.	Topic Name	No. of Classes
1.	शब्दरूपाणाम् परिचयः (व्याकरण)	3
2.	लकाराणां परिचयः (व्याकरण)	3
3.	अव्यय ज्ञानम्, (व्याकरण)	3
4.	सुभाषितानि	3
5.	बिलस्य वाणी न कदापि मे श्रुता	3
6.	डिजीभारतम्	3
7.	सदैव पुरतो निधेहि चरणम्	3
8.	कण्टकैर्नैव कण्टकम्	3
9.	संधि प्रकरणम् (स्वर संधि)(व्याकरण)	3
10.	अपठित गद्यांशं (व्याकरण)	3
11.	गृहं शून्यं सुतां विना	3
12.	भारत जनता अहम्	2
13.	संसारसागरस्य नायकाः	2
14.	सप्तमगिन्यः	2
15.	नीति नवनीतम्	2
16.	प्रत्यय-ज्ञानम् (व्याकरण)	3
17.	समय-लेखनं	2
18.	सावित्री बाई फुले	3
19.	कः रक्षति कः रक्षितः	2
20.	क्षितौराजते भारतस्वर्ण भूमिः	2
21.	आर्यभटः	3
22.	प्रहेलिकाः	2
23.	Revision	3
	Total	61

CHEMISTRY		
S.No.	Topic Name	No. of Classes
1.	Synthetic Fibre and Plastics	12
2.	Metals and Non - Metals	20
3.	Coal and Petroleum	15
4.	Combustion and Flame	16
5.	Revision	9
	Total	72

School Examination Preparatory (SEP) Sheet: Schedule

S.No.	Test Syllabus					
	Physics	Chemistry	Mathematics	Biology	English	Social Science
1			Rational Numbers		Noun, Reading Comprehension	How, When and Where
2	Force		squares and square roots	Crop production & Management	Pronoun, Tense	Resources, Types and Development + From Trade to Territory
3	Pressure		Cube and cube roots		" Notice Writing, Essay Writing "	The Indian Constitution & Understanding Secularism- Ruling the Country Side & Tribal, Dikus and the vision of a Golden age
4	Friction	Synthetic Fibre and Plastics	Linear equation in one variable	Micro organism friends & foe	Conditionals, Adjective	Land, Soil, Water and Natural veg. and Wildlife Resources
5			quadrilateral		Irregular Verbs, Adverb	Mineral and Power Resource
6	Sound		Construction		One Word Substitution	When people rebel + Agriculture
7		Metals and Non - Metals	playing with numbers	Conservation of Plants & Animals	Active and Passive Voice	Why do we need a parliament + Colonialism & the story of an imperial city
8			Algebraic expression		Direct and Indirect Speech	
9			Algebraic Identities		Subject Verb Agreement	Manufacturing Industries
10	Electricity		Exponents and power		Modals, Phrasal Verbs	Weavers, Iron smelters and factory owners + Civilising the Native, Educating the nation
11		Coal and Petroleum	Percentage and its application	Cellular level of Organization	Synonyms and Antonyms	Understanding Laws + Judiciary + Understanding our Criminal justice system
12			Compound Interest		Letter Writing	Women, Caste and Social Reforms+ Human Resources + The Changing world of Visual Arts
13	Light		Direct and inverse variation	Reproduction In animals	Story Writing, Diary Writing	Understanding Marginalisation + Confronting Marginalisation
14			Visualising Solid Shape		Article Writing	
15	Earthquakes		Mensuration	Pollution of air and water	Idioms, Determiners	
16	Rein, Thunder and lightning		Introduction to graph		Preposition, Conjunction	
17			Data Handling		Homophones, Homonyms	The Indian National Movement-I + The Indian National Movement-II
18	Night Sky	Combustion and Flame	Probability	Reaching the age of adolescence	Speech Writing, Report Writing	Water and the people of Chennai + Law and Social Justice

Soical Science		
S.No.	Topic Name	No. of Classes
1.	How, When and Where	3
2.	"Resources, Types and Development "	3
3.	The Indian Constitution	3
4.	" Understanding Secularism"	2
5.	From Trade to Territory	4
6.	Ruling the Country Side	3
7.	"Tribal,Dikus and the vision of a golden age"	2
8.	Land, Soil, Water and Natural veg. and Wildlife Resources	4
9.	Mineral and Power Resource	3
10.	When people rebel	4
11.	Why do we need a parliament	4
12.	Agriculture	3
13.	Colonialism & the story of an imperial city	3
14.	Manufactring Industries	5
15.	" Weavers, Iron smelters and factory owners "	3
16.	Understanding Laws	3
17.	Civilizing the Native educating the nation	6
18.	Judiciary	3
19.	Women ,caste and social reforms	3
20.	Understanding our Criminal justice system	3
21.	Human Resources	3
22.	Understanding and tackling marginalisation	4
23.	The changing world of visual arts	4
24.	"The Indian National Movement-I"	4
25.	Water and the people of chennai	2
26.	The Indian National Movement-II	5
27.	Law and social justice	2
28.	Map Work	3
29.	Revision	5
		99

HINDI		
S.No.	Topic Name	No. of Classes
1.	सन्धि	4
2.	उपसर्ग	2
3.	ध्वनि (कविता)	2
4.	अलंकार (अनुप्रास, यमक, पुनरुक्ति, श्लेष)	2
5.	प्रत्यय	2
6.	लाख की चूड़ियाँ (कहानी)	2
7.	बस की यात्रा (व्यंग्य)	2
8.	अपठित गद्यांश	2
9.	समास (तत्पुरुष, कर्मधारय, बहुव्रीहि)	2
10.	दीवानों की हस्ती (कविता)	2
11.	चिट्ठियों की अनूठी दुनिया(निबन्ध)	2
12.	भगवान के डाकिए	2
13.	क्या निराश हुआ जाए (निबन्ध)	2
14.	यह सबसे कठिन समय नहीं	4
15.	वाक्य विचार	2
16.	कबीर की साखियाँ (दोहे)	4
17.	कामचोर	3
18.	प्त्र लेखन	2
19.	निबन्ध	2
20.	जब सिनेमा ने बोलना सीखा	2
21.	सुदामा चरित	2
22.	सुलेख लेखन	4
23.	सुदामा चरित	2
24.	जहाँ पहिया है (रिपोर्ताज)	2
25.	अकबरी लोटा	2
26.	सूर के पद	2
27.	पानी की कहानी	3
28.	टोपी (कहानी)	2
29.	Revision	7
	Total	73

PTSM SCHEDULE

PTSM#1

06

May 2023

PTSM#3

30

September 2023

PTSM#5

10

February 2024

PTSM#2

19

August 2023

PTSM#4

16

December 2023

PTSM#6

12

March 2024



HOLIDAYS / VACATIONS

1. **Eid ul-Fitar, Ramzan** ➤ 22-Apr-2023
2. **Summer Break** ➤ 22-May to 18 June-2023
3. **Eid al-Adha, Bakrid** ➤ 29-June-2023
4. **Muharram** ➤ 29-July-2023
5. **Independence Day** ➤ 15-Aug-2023
6. **Raksha Bandhan** ➤ 30-Aug-2023
7. **Janmashtami (In kota)** ➤ 08-Sep-2023
8. **Anant Chaturdashi** ➤ 28-Sep-2023
9. **Navratra Sthapna** ➤ 15-Oct-2023
10. **Durga Ashtami** ➤ 22-Oct-2023
11. **Dussehra** ➤ 24-Oct-2023

12. **Diwali** ➤ 09-Nov to 19 Nov-2023
13. **Guru Nanak Jayanti** ➤ 27-Nov-2023
14. **Winter Vacation** ➤ 25-Dec 2023 to 31 Dec-2023
15. **Makar Sankranti** ➤ 14-Jan-2024
16. **Republic Day** ➤ 26-Jan-2024
17. **Maha Shivaratri** ➤ 08-Mar-2024
18. **Holi Dahan** ➤ 24 -Mar-2024
19. **Holi** ➤ 25 -Mar-2024

Physical Education		
S.No.	Topic Name	No. of Classes
1.	Health Card & B.M.I. Measure	4
2.	Game and Practice	36
3.	General and Specific Exercise	5
4.	Game Test	4
5.	Physical Fitness Test	6
Total		55

SUBJECT WISE REVISION & DOUBT CLASSES		
S.No.	Topic Name	No. of Classes
1.	Physics	10
2.	Chemistry	10
3.	Mathematics	16
4.	Biology	10
5.	Social Science	10
6.	Personality Development	26
7.	English	5
Total		87

ACTIVITIES

Date	Activity	Class
15.04.23	House Meeting	5 to 8
29.04.23	English Extempore (Inter-house)	5 to 8
29.04.23	Painting Competition (Individual)	5 to 8
03.07.23	Guru Purnima Mahotsav	5 to 10
15.07.23	Best Out of Waste	5 to 8
15.07.23	Science Quiz	5 to 8
28.07.23	Hindi Essay Writing	5 to 8
12.08.23	Picnic	5 to 10
15.08.23	Independence Day Celebration	5 to 10
29.08.23	Raksha Bandan Competition	5 to 8
05.09.23	Teacher's Day Celebration	5 to 10
23.09.23	Indoor Sports (TT, Carom, Chess)	7 to 9
06.10.23	Sports (Cricket)	5 to 8
07.10.23	Sports (Cricket)	9 to 10
21.10.23	Dandiya Raas	5 to 10

Date	Activity	Class
28.10.23	Baal Kavi Sammelan	5 to 10
08.11.23	Diya Making & Rangoli (IH)	5 to 8
25.11.23	Eng. Vocab Wall (IH)	5 to 8
27.11.23	Picnic	5 to 8
02.12.23	Maths Quiz (8,9,10)	8 to 10
09.12.23	Tug of war + Sack Race + Lemon Race + 3 Legged Race	5 to 8
22,23 Dec. 23	Sports Activity	5 to 10
06.01.24	Dance Competition	5 to 8
18.01.24	Goonj (Baal Mela & Science Exhibify)	5 to 10
19.01.24	Goonj (Nobel Day & RGT)	5 to 10
20.01.24	Goonj (Cultural Night)	5 to 10
26.01.24	Republic Day Celebration	5 to 10

* These activities will be used for Scholastic Evaluation.

Academic Planning & Test Grid

Olympiad Pattern Cumulative Test (OCT), School Exam Preparatory Pattern Test (SEP), Major Test (MT) Syllabus											
Pr. No. / Test Type & No.	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer
OCT1 (2 Hr) (S.M.SST, E.MAT)	Objective	Force (III Balanced and Unbalanced forces, Resultant force)	Synthetic Fibre and Plastics (III polyester, acrylic)	Rational Numbers	Crop production and management (upto sowing).	How, When and Where?, Resources, Types and Development	Noun, Reading Comprehension	Test of alphabets, logical numbers	NA	NA	NA
30.04.23											
SEP4 (S. & Eng)	Subjective	Force, Pressure (Upto Units of pressure)	synthetic fibres and plastics (III blended fibres)	NA	Crop production and management (upto storage of grains)	NA	Noun, Reading Comprehension, Pronoun, Writing Section (Notice & Essay Writing)	NA	NA	NA	NA
14.05.23											
OCT1 (1 Hr) (H.E.SAN, Comp)	Objective	NA	NA	NA	NA	The Indian Constitution, Understanding Secularism, From Trade to Territory	The Ant and The Cricket, The Best Christmas Present	NA	रचित, उत्पन्न, ध्वनि, गुणरस, प्रत्यय,	Literature : सुनीति, श्लोक, विरह कागी म कविति नं गीत, Grammar : शक्यताम् अर्थ, लक्षण, (लत) कवयिता विरह (लत, वृ, वृ, वृ, वृ).	Introduction to Network, Learn to use MS Access
19.05.23											
SEP2 (3 Hr) (Mats & SST)	Subjective	NA	NA	Rational Numbers, Squares & square roots, Cubes and cube roots	NA	The Indian Constitution, Understanding Secularism, From Trade to Territory	NA	NA	NA	NA	NA
25.06.23											
MSEP1 (3 Hr) (Hindi, Eng-L)	Subjective	NA	NA	NA	NA	NA	Reading Comprehension, The Best Christmas Present, The Ant & the Cricket, Tense, Conditionals, How the camel got its hump, Notice writing, Essay writing	NA	लाय की वृद्धि, प्रत्यय, उत्पन्न, ध्वनि, बस की यात्रा (लत-वृ)	NA	NA
30.06.23											
OCT2 (2 Hr) (S.M.SST, E.MAT)	Objective	Force, Pressure, Friction	Synthetic fibres & plastics; Metals and Non-Metals (upto Chemical properties of metals)	Rational Numbers - Square and square root, Cubes and cube roots, Linear equation in one variable	Crop production and management, Micro organisms friend & foe (upto Importance of bacteria)	From Trade to Territory, Land, Soil, Water and Natural Vegetation and Wildlife Resources, Tribal, Dikus and the vision of a golden age	Reading Comprehension, Notice Writing, Essay Writing, Irregular Verbs (All), Adverb, Adjective, Conditionals	Test of alphabets, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations, secret of the words	NA	NA	NA
9.07.23											
MSEP2 (3 Hr) (Comp, SAN)	Subjective	NA	NA	NA	NA	NA	NA	NA	NA	Literature : सुनीति, श्लोक, विरह कागी म कविति नं गीत, Grammar : शक्यताम् अर्थ, लक्षण, (लत) कवयिता विरह (लत, वृ, वृ, वृ, वृ).	Introduction to Network, Learn to use MS Access
14.07.23											
SEP3 (3 Hr) (S. & Eng)	Subjective	Force, Pressure, Friction, Sound (Upto Sound needs a material medium for its propagation, Nature	Synthetic fibres & plastics (From Plastics), Metals and Non-Metals (III chemical properties of metals)	NA	Crop production and management, Micro organisms friend & foe (upto bacterial disease.)	NA	Reading Comprehension, Notice Writing, Essay Writing, Irregular Verbs (All), Adverb, Adjective, Conditionals	NA	NA	NA	NA
23.07.23											
SEP4 (3 Hr) (Mats & SST)	Subjective	NA	NA	Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers	NA	Ruling the Country, Side Land, Soil, Water and Natural Vegetation and Wildlife Resources, Mineral and Power Resources, Mineral and Power resources, Tribal Dikus and the vision of a golden age, When People Rebel	NA	NA	NA	NA	NA
06.08.23											
OCT3 (2 Hr) (S.M.SST, E.MAT)	Objective	Force, Pressure, Friction, Sound, Electricity (III Electric Charge)	Synthetic fibres and Plastics; Metals and Non-Metals (upto Uses of non-metals)	Rational Numbers, Square and cube roots, Linear equation in one variable - Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions	crop production, conservation of microorganisms, conservation of plants and animals (upto red data book)	Land, Soil, Water and Natural Vegetation and Wildlife Resources, Mineral and Power Resource, When people rebel, Why do we need a Parliament, Agriculture,	Reading Comprehension, Direct and Indirect Speech, Active-Passive Voice	Test of alphabets, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, sit over here	NA	NA	NA
27.08.23											

Major Test Term-1 Dates: 4th to 20th Sep 2023

Subjective

MT-1 Term-1

Academic Planning & Test Grid

P.T. Date	Test Type	Physics	Chemistry	Mathematics	Biology	Social Science	English	Mental Ability	Hindi	Sanskrit	Computer
Olympiad Pattern Cumulative test (OCT), School Exam Preparatory Pattern test (SEP), Major test (MT) Syllabus											
OC14 (2 H) (Sc.M,SST, E,MAT)	Objective	Force, Pressure, Friction, Sound, Electricity	Metals and Non-metals, Coal and Petroleum (upto Destructive distillation and uses)	Rational numbers, Squares and square roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions, Algebraic identities	Conservation of plant and animals, Cellular level of organisation (upto types of organisms)	Land, Soil, Water and Natural veg. and Wildlife Resources, Minerals and Power Resource, When people rebel, Why do we need a parliament, Agriculture, Manufacturing Industries, Weavers, Iron smelters and factory owners.	Reading Comprehension, Modals, Phrasal Verbs (All), Synonyms and Antonyms (I to 50)	Test of alphabets, logical numbers, logical alphabets, repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, sit over here, unlock the mystery	MA	MA	MA
CT2 (1 H) (H.E.SAN, Comp)	Objective	NA	NA	NA	NA	NA	The School Boy, Bepin Chaudhary's Lapse of Memory	NA	वार्ड का विकार, क्या निम्नलिखित दुःख जाय, यह चरस कठिन समय नहीं, प्रत्यय, उदाहरण करके, स्वर जोड़ो-अव्यय आना,	Literature - Lesson 8, 9, 10 Grammar - संस्कृत व्याकरण (संस्कृत, हिंदी, अंग्रेजी), पर्याय-शब्द, सम्य-शब्द	More on HTML, Latest Technology
SEP5 (3 H) (Sc. & Eng)	Subjective	Sound, Electricity, Light (upto Regular and Irregular Reflection)	Coal and Petroleum, Combustion and flame (upto types of combustion)	NA	Conservation of plant and animals Cellular level of organisation (upto mitochondria)	NA	Reading Comprehension, Direct and Indirect Speech, Subject Verb Agreement, Modals, Synonyms and Antonyms(All), Letter Writing, Story Writing	NA	MA	MA	MA
SEP6 (3 H) (Maths & SST)	Subjective	NA	NA	Algebraic expressions Algebraic Identities, Exponents and powers, Percentage and its application	NA	Weavers, Iron smelters and factory owners, Understanding Laws, Civilizing the Natives Educating the Nation, Judiciary	NA	MA	MA	MA	NA
MSEP3 (3 H) (Hindi, Eng-I)	Subjective	NA	NA	NA	NA	NA	Reading Comprehension, Direct & Indirect Speech, Subject verb agreement, Modals, Synonyms & Antonyms (all), Letter writing, Story writing, Article writing, The treasure within, This is Jody's lawn, Article writing, The duck and the kangaroo	NA	कवीर के दोहे, क्या निम्नलिखित दुःख जाय, यह चरसे कठिन समय नहीं, कामचोर, पत्र लेखन, प्रियत्व	MA	MA
MSEP4 (3 H) (Comp, SAN)	Subjective	NA	NA	NA	NA	NA	NA	NA	MA	Literature - Lesson 7, 8, 9, ID Grammar - संस्कृत व्याकरण (संस्कृत, हिंदी, अंग्रेजी), पर्याय-शब्द, सम्य-शब्द	Latest Technology, Python, AI Introduction
OC15 (2 H) (Sc.M,SST, E,MAT)	Objective	Friction, Sound, Electricity	Coal and Petroleum (from Fossil fuels- Coal), Combustion and flame (upto spherical flame)	Rational numbers, Squares and square root, Cubes and cube roots, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Playing with numbers, Algebraic expressions, Algebraic identities, Exponents and powers, Percentage and its application, Compound Interest	Conservation of plants and animals, Cellular level of organisation, Reproduction in animals (upto bisexual)	Mineral and Power Resource, When people rebel, Why do we need a parliament, Agriculture, Manufacturing Industries, Weavers, Iron smelters and factory owners, Understanding Laws, Civilizing the Native, Educating the Nation, Judiciary, Women, caste and social reforms, Understanding our Criminal Justice System	Reading Comprehension, Determiners, Preposition	Test of alphabets, logical numbers, logical alphabets, repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, sit over here, unlock the mystery, pictures, know it, date and time, compare & out	MA	NA	NA
SEP7 (3 H) (Sc. & Eng)	Subjective	Electricity, Light	Coal and petroleum, Combustion and Flame	NA	Cellular level of organisation, Reproduction in animals (placenta)	NA	Reading Comprehension, Phrasal Verbs, Story Writing, Diary Writing, Determiners, Preposition	NA	MA	NA	NA
SEP8 (3 H) (Maths & SST)	Objective	NA	NA	Compound Interest, Direct and inverse variation, Visualising Solid Shapes, Mensuration	NA	Women, Caste and Social Reforms, Understanding our Criminal, justice System, Human Resources, Understanding and lacking Marginalisation	NA	NA	MA	NA	NA
OC16 (2 H) (Sc.M,SST, E,MAT)	Subjective	Force, Pressure, Friction, Sound, Electricity, Light, Earthquakes, Rain thunder & lightning	Metals and Non - Metals, Coal and petroleum, Combustion and Flame	Rational numbers, Squares and square root, Linear equation in one variable, Quadrilaterals, Construction of quadrilaterals, Algebraic expressions, Algebraic identities, Exponents and powers, Conservation of mass, Direct and inverse variation, Visualising Solid Shapes, Mensuration, Introduction to graph, Data handling	crop production, microorganisms, conservation of plants and animals, Cellular level of organisation, Reproduction in animals, Pollution of air and water, Reaching the age of Adolescence (upto glands- hypothalamus)	Why do we need a Parliament, Agriculture, Manufacturing industries, Weavers, Iron smelters and factory owners, Understanding the Nation, Women, Caste and Social Reforms, Human Resources, Understanding and lacking Marginalisation, The Indian National Movement-I,	Reading Comprehension, Conjunction, Homonyms and Homophones (All)	Test of alphabet s, logical numbers, Logical alphabets, repeat the letters, magic of figures, operations, secret of the words, journey ends, sequencing, blood sample, sit over here, unlock the mystery, pictures, throw it, date & time, compare & out, figure situation, mixture	NA	NA	NA

MT -2 Term -2 Subjective

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YASH GUPTA

Gold Medal in IJSO 2015

Student of PCCP



LAY JAIN

Gold Medal in IJSO 2015

Student of PCCP
Currently Study in
(MIT), USA (2022)



YASH GUPTA

Gold Medal in IJSO 2010

NTSE Scholar
KVPY Scholar
SILVER Medal in IESO 2011

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