

SRIGAYATRI EDUCATIONAL INSTITUTIONS, A.P.

NTSE CRASH COURSE SCHEDULE - 2013-14

S.NO	DATE	DAY	SOCIAL	BIOLOGY	PHYSICS	CHEMISTRY	MATHEMATICS	MENTAL ABILITY
1	5/9/2013	THU	Class - IX : Geography : Solar energy and insolation, temperature	Class - IX : Botany : HIV / AIDS	Class - IX : Measurement	Class - IX : Behaviour of gases	Class - IX : Surds	Verbal section: ODD - ONE - OUT
2	6/9/2013	FRI	Elements of climate, Humidity and precipitation	Crop improvement	Our universe	Behaviour of gases	sets	ODD - ONE - OUT
3	7/9/2013	SAT	Movements of the earth's crust, volcanoes, the oceans	Crop improvement	Kinematics	Atomic structure	Relations	Word / Alphabet / Number relationship
	8/9/2013	SUN	SUNDAY					
	9/9/2013	MON	VINAYAKA CHAVITHI					
4	10/9/2013	TUE	The major natural regions of the world, Geography practicals - weather reports	Natural resources	Dynamics	Atomic structure	Polynomials and factorisation	Word / Alphabet / Number relationship
5	11/9/2013	WED	History : pre - history, Bronze age civilization, early iron age societies	Natural resources	Light	Chemical bonding	linear equations and inequations	Direction sense test
6	12/9/2013	THU	The medieval world, the modern world	Organisms habitat & ecological balance	Heat	Chemical bonding	mensuration	Direction sense test
7	13/9/2013	FRI	Capitalism and industrial revolution, the revolutionary movements	Zoology : Organisation of life	Electricity	Energetics	logarithms	Number and letter series completion
8	14/9/2013	SAT	Civics : Indian constitution at work, government at the centre	Organisation of life	Modern physics	Chemical calculations	miscellaneous problems	Number and letter series completion
	15/9/2013	SUN	SUNDAY (PART TEST - 1) (Syllabus covered from : 05-09-2013 to 14-09-2013)					
9	16/9/2013	MON	Government at the state level, local self government, traffic education	Organisation of life	Wave motion	Rates of reactions	Class - X : Statements Introduction	Coding / Decoding

S.NO	DATE	DAY	SOCIAL	BIOLOGY	PHYSICS	CHEMISTRY	MATHEMATICS	MENTAL ABILITY	
10	17/9/2013	TUE	Economics : macro economics, concepts of national income, meaning and indicators of economics development	Life processes	Sound	Rates of reactions, metallurgy	Compound statements & truth tables	Coding / Decoding	
11	18/9/2013	WED	Revenue and expenditure, budget, money and banking	Life processes	Magnetism	metallurgy	Set theory - Concepts, operations on sets	Logical venn diagrams	
12	19/9/2013	THU	Class - X : Geography : The locational and spatial setting	Life processes	Class - X : Measurement of length	Class - X : Atomic structure	Functions - Fundamentals, Types of functions	Logical venn diagrams	
13	20/9/2013	FRI	Physical features	World of energy	Newton's law of universal gravitation	Atomic structure	Inverse of functions	Calendar problems	
14	21/9/2013	SAT	Climate	Class - X : Unit - 1 : Photosynthesis as a life process, Factors related in photosynthesis	kinematics : motion of a body under gravity	Atomic structure	Domain and range of function	Calendar problems	
	22/9/2013	SUN	SUNDAY (PART TEST - 2) (Syllabus covered from : 16-09-2013 to 21-09-2013)						
15	23/9/2013	MON	Natural vegetation	Mechanism of Photosynthesis	equations of motion for a freely falling body , equations of motion for a body thrown upwards	Periodic classification	Composite function, polynomial functions	Blood relationship	
16	24/9/2013	TUE	Soils	Respiration, Types of respiration	Dynamics : Circular motion	Periodic classification	Remainder theorem, Factor theorem & Applications	Blood relationship	
17	25/9/2013	WED	Population	Importance of respiration, cellular respiration	Banking of rods & rail tracks	Chemical bonding	Quadratic equations & inequations	Clocks	
18	26/9/2013	THU	Irrigation and Power	Factors controlling respiration, Organs of respiration in Animals	S.H.M	Chemical bonding	Bionomial theorem	Clocks	
19	27/9/2013	FRI	Agriculture	Comparison of photosynthesis & respiration, transport systems	E.M.S (electro magnetic spectrum)	Chemical bonding	Linear programming	Missing letters / Number in figure	
20	28/9/2013	SAT	Mineral resources	Human heart (External & internal) , human heart (mechanism & blood circulation)	Sound : Natural & Force vibration	Chemical bonding	Number system, Absolute equations & inequations	Missing letters / Number in figure	
	29/9/2013	SUN	SUNDAY (PART TEST - 3) (Syllabus covered from : 23-09-2013 to 28-09-2013)						

S.NO	DATE	DAY	SOCIAL	BIOLOGY	PHYSICS	CHEMISTRY	MATHEMATICS	MENTAL ABILITY	
21	30/9/2013	MON	Industries	Blood & its components , Blood groups & importance of blood donation	Progressive & stationary waves	Alkaline Earth metals	Limits	Missing letters / Number in figure	
22	1/10/2013	TUE	Transport and Communications	Chemical co-ordination in plants (auxins & gibberellins), chemical co- ordination in plants (cytokinins, ABA & ethene)	Velocity of sound in air	Alkaline Earth metals	Arithmetic progression	Alphabet test	
	2/10/2013	WED	GANDHI JAYANTHI						
23	3/10/2013	THU	Places of Interest	Chemical co-ordination in human (pituitary, thyroid, parathyroid & adrenal)	Light : Nature of light	Solutions	Geometric progression	Alphabet test	
24	4/10/2013	FRI	Sea port and Towns	Chemical co-ordination in human (pancreas - diabetes & gonads, neuron)	Reflection & refraction of waves	Solutions	Harmonic progression	Puzzle	
25	5/10/2013	SAT	International Trade	Chemical co-ordination (brain - forebrain, mid brain, hind brain) , spinal cord & reflex arc	Interference of waves	Solutions	Triangles, Congruent & similar triangles	Non - Verbal section : ODD - MAN - OUT	
	6/10/2013	SUN	SUNDAY (PART TEST - 4) (Syllabus covered from : 30-09-2013 to 05-10-2013)						
26	7/10/2013	MON	History : Nationalist movements	Unit - III : reproduction in plants	Diffraction of waves	Solutions	Theorems on triangles	ODD - MAN - OUT	
27	8/10/2013	TUE	Imperialism	Sexual reproduction in plants	Visual photometry, laser	Acids bases & salts	Quadrilaterals - Cyclic	Figure - series, correspondence and completion	
28	9/10/2013	WED	Contemporary world	Reproduction in animals (introduction & paramecium , earth worm & housefly)	magnetism : Theory of magnetism, Inverse square law of magnetism	Acids bases & salts	Circles - Theorems	Figure - series, correspondence and completion	
29	10/10/2013	THU	World upto the worldwar II	Reproduction in animals (frog)	Magnetic field due to a bar magnet , Neutral points	Acids bases & salts	distance between two points formula & Applications	Figure - series, correspondence and completion	
30	11/10/2013	FRI	The world after worldwar II	Reproduction in human (male reproductive system)	Magnetic properties of materials	Carbon & its Compounds	section formula & Applications	Images	
	12/10/2013	SAT	DURGASTAMI						
	13/10/2013	SUN	SUNDAY						
	14/10/2013	MON	VIJAYA DASAMI						
	15/10/2013	TUE	HOLI DAY						
	16/10/2013	WED	BAKRID						

S.NO	DATE	DAY	SOCIAL	BIOLOGY	PHYSICS	CHEMISTRY	MATHEMATICS	MENTAL ABILITY	
31	17/10/2013	THU	The world after worldwar II	Reproduction in human (female reproductive system)	Current Electricity introduction, ohm's law	Carbon & it's Compounds	Area of triangle, collinear points	Images	
32	18/10/2013	FRI	Cultural Heritage of India & Intellectual Awokening	Pregnancy - gestation - contraception & consanguineous marrige	laws of resistance, Resistance in series & parallel	Carbon & it's Compounds	Straight line & different forms of straightline	Images	
33	19/10/2013	SAT	Freedom movement in India	Unit - IV : Viruses introduction & HIV	Joule's law, Faraday's laws	Carbon & it's Compounds	Trigonometry	Cubes and dices	
	20/10/2013	SUN	SUNDAY (PART TEST - 5) (Syllabus covered from : 07-10-2013 to 19-10-2013)						
34	21/10/2013	MON	Civics : India as a Nation	Unit - IV : HIV	Magnetic effects of electric current	Carbon & it's Compounds	Trigonometry	Cubes and dices	
35	22/10/2013	TUE	India democracy	Unit - V : Carbohdrates & Proteins	Electric motor	Carbohydrates & Proteins	Trigonometry	Cubes and dices	
36	23/10/2013	WED	Challenges facing our country today	Unit - V : Fats & Minerals	Electro magnetic induction	Carbohydrates & Proteins	Statistics - mean	Cubes and dices	
37	24/10/2013	THU	Challenges facing our country today	Unit - V : Manutrition , related diseases & obsity	modern physics Z,A, Δm	Carbohydrates & Proteins	Median & mode	Language comprehension	
38	25/10/2013	FRI	India , United Nations & World Problems	Water soluble vitamins	Redioactivity	Oils & Fats	Marices - Concepts operations on matrices	Language comprehension	
39	26/10/2013	SAT	India , United Nations & World Problems	Fat soluble vitamins	Artificial transmutation	Oils & Fats	Determinant, Singular, Non singular matrices, finding inverse matrix	Language comprehension	
	27/10/2013	SUN	SUNDAY (PART TEST - 6) (Syllabus covered from : 21-10-2013 to 26-10-2013)						
40	28/10/2013	MON	Traffic education	Process of Disease	Electronics (band theory), intrinsic & Extrinsic semi conductors	Chemistry & Industry	Solving simulaneous equations using matrix inversion & cramer's method	Language comprehension	
41	29/10/2013	TUE	Economics : Characteristics of indian economy	Some common disease (jaundice, mumps, measles & encephalitis)	intrinsic & Extrinsic semi conductors	Chemistry & Industry	permutations and combinations	Language comprehension	
42	30/10/2013	WED	pronlems of indian economy	Fliariasis & malaria	Transistors	Chemistry & Industry	computing	Language comprehension	
43	31/10/2013	THU	structure of indian economy	First aid, Health agencies	F.M & A.M	Chemistry & Industry	miscellaneous problems	Language comprehension	
44	1/11/2013	FRI	planning achievements and failures	Eradication of blindness	Radio & Television Basic principles	Chemistry & Industry	miscellaneous problems	Language comprehension	
	2/11/2013	SAT	DIWALI						
	3/11/2013	SUN	SUNDAY						
45	4/11/2013	MON	PART TEST - 7 (Syllabus covered from : 28-10-2013 to 01-11-2013)						
46	5/11/2013	TUE							

S.NO	DATE	DAY	SOCIAL	BIOLOGY	PHYSICS	CHEMISTRY	MATHEMATICS	MENTAL ABILITY	
47	6/11/2013	WED	GRAND TEST - 1						
48	7/11/2013	THU							
49	8/11/2013	FRI	GRAND TEST - 2						
50	9/11/2013	SAT							
	10/11/2013	SUN	SUNDAY						
51	11/11/2013	MON	GRAND TEST - 3						
52	12/11/2013	TUE							
53	13/11/2013	WED	GRAND TEST - 4						
	14/11/2013	THU	MOHARRAM						
54	15/11/2013	FRI	GRAND TEST - 5						