

# SRIGAYATRI EDUCATIONAL INSTITUTIONS

INDIA

## INCOMING SR MPC TEACHING SCHEDULE 2020-21 W.E.F 10/07/2020

DAY	DATE	MATHS-IIA	MATHS-IIB	PHYSICS	CHEMISTRY
46	10-07-2020 (Friday)	<b>Combinations :</b> Introduction Th: 5.5.1 to 5.5.3	<b>CIRCLES :</b> Introduction	<b>CURRENT ELECTRICITY:</b> Electric current, drift velocity	<b>SOLID STATES :</b> General characteristics of solids , amorphous and crystalline solids + L1 : 1,3,4,6,7,10
47	11-07-2020 (Saturday)	Th: 5.5.4 to 5.5.8 Ex.: 5.5, VSAQ : 1 to 3	Introdection, Ex : 1.1 VSAQ : 1,2,3	Mobility, current density	classification of crystalline solids + L1 : 26,27,31, L2 : 34, PCQ (MAINS): 10
	12-07-2020	<b>SUNDAY</b>			
48	13-07-2020 (Monday)	Ex.: 5.5, VSAQ : 4 to 11	Ex : 1.1 VSAQ : 4 to 9 SAQ : 1,2	Ohm's law, resistance, resistivity, conductivity, factors influencing resistance	Structure of solids , Bragg's equation + L1 : 8,9 L2 : 1
49	14-07-2020 (Tuesday)	Ex.: 5.5, VSAQ : 12 to 20	Ex : 1.1 LAQ : 1,2,3	Temperature dependence of resistivity, Resistivity of various materials, colour code resistors	Crystal lattice , types of unit cells
50	15-07-2020 (Wednesday)	Ex.: 5.5, VSAQ 21 to 26 SAQ : 1,2	Ex : 1.1 LAQ : 4 to 7 Example : 1.1.19	L1 ; CW : 1,3,4,6,7,8,9,10, NVQ : 5,6,9,12 L1 : HW : 1,2,3,4	Calculation of number of atoms per unit cell + L1 : 11,13,14,16,18,22, L2 : 24,25,32,35,41
51	16-07-2020 (Thursday)	Ex.: 5.5 , SAQ : 3 to 7	<b>1.2.1 Tangents &amp; Normals</b> Introduction	L1 : CW : 11,12,13,75,76,77, NVQ : 7L1 : HW : 5,6,9,10	Closed packed structure
52	17-07-2020 (Friday)	Examples: 5.5.2, 5.5.3, 5.5.7, 5.5.10, 5.5.11, 5.5.12	Theorem : 1.2.2 to 1.2.9 Ex: 1.2 VSAQ: 1 to 7	Combination of resistors, cells, emf and internal resistance	packing efficiency + L1 : 34,38,39,42,43,45,46, 49,50,51,54 L2: 32,56
	18-07-2020 (Saturday)	<b>COUNSELLING CLASSES/ PREPARATION</b>			
	19-07-2020	<b>JEE MAINS MODEL EXAM ON QUARTERLY SYLLABUS PS: HYD RKP</b>			
53	20-07-2020 (Monday)	L1 : HW : 65,67,68,69,73,76,80, 81,82,84,85,89,94,100, 105,107, 111,113	Ex : 1.2 SAQ : 1 to 6	Cells in series and parallel, mixed grouping of cells	Calculation involving unit cell dimensions

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54	21-07-2020 (Tuesday)	L2 HW : 7,8,12,16,18,21,22,24,25, 27	Ex : 1.2 SAQ : 7,8 LAQ : 1 to 4	L1 CW : 15,16,17,18,25,26,28,30, 32,35,36 L1 HW : 11,12,13,14,15	Calculation involving unit cell dimensions + L1 : 47,52,55,56, L2 : 21,22,23,214,25,27,28,29,30,32
55	22-07-2020 (Wednesday)	L3 : 2,5,9,13,16, NVQ : 1,2,7,10,17	Ex : 1.2 LAQ : 5 to 9	L1 CW : 38,39,41, L2 CW : 1,2,3,4,5,7,8,12 L1 HW : 16,17,18,19,23,24	Radius and density + L1 : 23, L2 : 20,30,47,50,51,52
56	23-07-2020 (Thursday)	PCQ : MAINS ; 2,3,8,11,14,18,21,28, 34,37,45,50	Ex : 1.2 LAQ: 10 to 13 Eg : 1.2.5, 1.2.7	Electric energy and power	Types of crystal defects
57	24-07-2020 (Friday)	PCQ : EAMCET : 2,3,4,9,11,15,17, 20,22,24	Objective	L1 CW : 43,44,46,47,48,51,52 L1 HW : 42,44,46,47,49,51,52,53	Types of crystal defects + L1 : 57,58,59,60,61, L2 : 63
	25-07-2020 (Saturday)	<b>COUNSELLING CLASSES/ PREPARATION</b>			
	26-07-2020	<b>WT 09-JEE MAINS MODEL EXAM :: SYLLABUS: 10-07-2020 TO 24-07-2020 PS: HYD KPHB</b>			
58	27-07-2020 (Monday)	<b>Binomial Theorem</b> : Introduction Th: 6.1.1,	Objective	Kirchoff's law, Wheatstone bridge	Electrical properties + L1 : 62, L2 : 7,8,14,19
59	28-07-2020 (Tuesday)	Ex.: 6.1, VSAQ : 1 to 4	Objective	meter bridge	magnetic properties and problems + L2 : 9,10
60	29-07-2020 (Wednesday)	Ex.: 6.1, VSAQ : 5 to 9	Objective	L1 CW : 53 TO 60 L1 HW : 54,55,57,58,61,62,63	<b>SURFACE CHEMISTRY</b> : Introduction, adsorption difference between adsorption and absorption + L1 : 1,4,5, L2 : 4,5,8,10,11,14
61	30-07-2020 (Thursday)	Ex.: 6.1, LAQ : 1, 2, 3	Objective	L2 CW : 13,14,15,16,17, L1 CW : 61,63 L1 HW : 68,69,74,75	Types of adsorption, adsorption + L1 : 15,18,19,20,21,25,27, L2 : 19,20,21
62	31-07-2020 (Friday)	Ex.: 6.1, LAQ : 4, 5, 6	1.3.1 Chord of contact, Pole, polar, conjugate points, conjugate lines and inverse points	Potentiometer: Principle & Applications (i) comparison of emf's of two cells	isotherms applications of adsorption, catalysis, + L1 : 30,32,34, L2 : 24,25,26
	01-08-2020 (Saturday)	<b>COUNSELLING CLASSES/ PREPARATION</b>			
	02-08-2020	<b>WT 10-JEE MAINS MODEL EXAM :: SYLLABUS: 20-07-2020 TO 31-07-2020 PS: CO ICC</b>			
	03-08-2020 (Monday)	<b>RAKSHA BANDHAN</b>			
63	04-08-2020 (Tuesday)	Ex.: 6.1, LAQ : 7,8,9	Ex : 1.3 VSQ: 1 to 5	(2) Determination of internal resistance of given cell	types of catalysis + L1 : 1,4,7,8,9, L2 : 3,6,7,9

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64	05-08-2020 (Wednesday)	Ex.: 6.1, LAQ : 10, 11 Examples : 6.1.3, 6.1.4, 6.1.6	Ex : 1.3 SAQ : 1,2 LAQ : 1,2, 3	L1 : CW : 64,65,67,68,69,70,73,74	Adsorption theory of heterogeneous catalysis, + L1 : 13,14,17,29, L2 : 10
65	06-08-2020 (Thursday)	Ex.: 6.2 : VSAQ : 1,2,3,4	Ex : 1.3 LAQ : 4,5, 6 Eg : 1.3.11	PCQ MAINS : 1,3,4,5,9,20,21	enzyme catalysis Characteristics of enzyme catalysis
66	07-08-2020 (Friday)	Ex.: 6.2 : VSAQ : 5 Eg : 6.2.3,6.2.4	Objective	PCQ EAMCET : 4,6,9,19,20,26	catalyst in industry + L1 : 32,33,37,41,44,45,46, L2 : 11,13
	08-08-2020 (Saturday)	<b>COUNSELLING CLASSES/ PREPARATION</b>			
	09-08-2020	<b>WT 11- JEE MAINS MODEL EXAM :: SYLLABUS: 27-07-2020 TO 07-08-2020 PS: HYD CHT</b>			
67	10-08-2020 (Monday)	L1 : HW : 1,3,6,7,8,11,13,14,17,21	Objective	<b>MAGNETISM &amp; MATTER :</b> Introduction, Bar Magnet, Magnetic moment, Magnetic field lines and properties	Surface chemistry : colloidal state Introduction + L1 : 2,3,7,10,17,26, L2 : 1,2,5,7
68	11-08-2020 (Tuesday)	L1 : HW : 22,23,27,30,31,33	1.4.1 Midpoint of a chord, Pair of tangents, Parametric equations of a circle	Coulombs law, Magnetic field induction (on axial and equatorial lines)	Classification of colloids + L1 : 82,83, L2 : 29
69	12-08-2020 (Wednesday)	L2 : HW : 1,2,5,7,8,16,18,19	Theorem : 1.4.4 Ex : 1.4 VSQ : 1 SAQ : 1,2	L1 CW : 1,2,3,4,6,11,12 NVQ : 6,7,9 L1 HW : 2,5,6,7	Preparation and purification of colloids + L1 : 74, L2 : 23,27
70	13-08-2020 (Thursday)	NVQ : 3,5,9,15,16,17	Ex : 1.4 SAQ : 3,4,5 LAQ : 1	L1 CW : 16,18,22,23,24 NVQ : 10,13 L2 CW : 1,3,4,6,7,9 L1 HW : 8,10,12	Properties of colloids + L1 : 75,78, L2 : 30,31
71	14-08-2020 (Friday)	<b>Binomial Coefficients :</b> Introduction Th: 6.3.1 to 6.3.3	Ex : 1.4 LAQ : 2,3,4 Eg : 1.4.5	dipole in a uniform magnetic field (Torque and potential energy)	Emulsions and applications + L1 : 49,50, L2 : 20,21
	15-08-2020 (Saturday)	<b>INDEPENDENCE DAY</b>			
	16-08-2020	<b>WT 12- JEE MAINS MODEL EXAM :: SYLLABUS: 04-08-2020 TO 14-08-2020 PS: HYD DSNRB</b>			
72	17-08-2020 (Monday)	Th : 6.3.4, 6.3.5 Ex.:6.3, VSAQ: 1	Objective	Time period of Oscillation	<b>Metallurgy :</b> Introduction, occurrence of metals
73	18-08-2020 (Tuesday)	Ex.:6.3, LAQ: 1,2,3,4	Objective	L1 CW : 26,28,29,30,31,33,35, 36,38,40 NVQ : 8,12, L1 HW : 16,19,23,27,28,30,31	Ore, Mineral, flux, gangue, + Objective
74	19-08-2020 (Wednesday)	Ex.:6.3, LAQ: 5,6,7,8,9	1.5.1 Touching circles Introduction	L1 CW : 46,48,49,50,51, 52,53,55,57,60,61 L1 HW : 37,41,45,47,51	concentration of ores

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75	20-08-2020 (Thursday)	LAQ: 10, Solved Examples: 6.3.4, 6.3.5, 6.3.6	Ex : 1.5 VSAQ: 1 to 4	Gauss law in Magnetism, Elements of earth's magnetism.	Extraction crude metal from concentrated ore + Objective
76	21-08-2020 (Friday)	L1 : HW : 38,39,42,45,46,49,50	Ex : 1.5 LAQ : 1,2,3 Example: 1.5.3	Magnetic properties of materials, Hysteresis	Refining of crude metals
	22-08-2020 (Saturday)	<b>GANESH CHATURTHI</b>			
	23-08-2020	<b>WT 13- JEE MAINS MODEL EXAM :: SYLLABUS: 10-08-2020 TO 21-08-2020 PS: HYD MP</b>			
77	24-08-2020 (Monday)	L1 : HW : 51,52,63 L2 : HW : 9,10,11,20	Ex : 1.5 LAQ: 4 to 7	Permanent magnets and electromagnets.	Thermodynamic principles of metallurgy + Objective
78	25-08-2020 (Tuesday)	L3 : 2,5,10,11,12,13	Ex : 1.5 LAQ: 8,9, 10	L2 : CW : 10,13,14,17,19,25, 27,32,33,35 NVQ : 4,5	Extraction of Copper & Zinc + Objective
79	26-08-2020 (Wednesday)	PCQ : MAINS : 3,4,5,9,11,13	Objective	PCQ MAINS : 1,3,4,5,14	Extraction of Iron,
80	27-08-2020 (Thursday)	Binomial Theorem for Rational Index, formulae: 6.4.1 to 6.4.3, Ex.: 6.4, VSAQ : 1,2,3	Objective	PCQ : EAMCET ; 1,5,6,9,10	Extraction of Iron, Aluminium + Objective
81	28-08-2020 (Friday)	VSAQ : 4,5 LAQ : 1,2	Numerical, PCQ	<b>MOVING CHARGES AND MAGNETISM :</b> Oersted experiment, Swimming rule, Ampere's right hand thumb rule, Biot- Savart law and applications	Electrochemical principles of metallurgy oxidation reduction + Objective
	29-08-2020 (Saturday)	<b>COUNSELLING CLASSES/ PREPARATION</b>			
	30-08-2020	<b>WT 14- JEE MAINS MODEL EXAM :: SYLLABUS: 17-08-2020 TO 28-08-2020 PS: HYD HB</b>			
82	31-08-2020 (Monday)	LAQ : 3,4,5,6	<b>SYSTEM OF CIRCLES</b> 2.1.1 Angle between two circles	field due to current carrying wire	<b>15th group elements</b> : Introduction, GEC, physical and chemical properties + Objective

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