

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	15/09/14	Basic Concepts of Polymers.	I	LP		
2	16/09/14	Types of polymers - classification.	I	"		
3	17/09/14	Functionality, Degree of Polymerisation	I	"		
4	18/09/14	Addition and Condensation Polym.	I	"		
5	19/09/14	Differences b/w Addition & Condensation	I	"		
6	22/09/14	Basic Concepts of Plastics	I	"		
7	23/09/14	Types of Plastics	I	"		
8	24/09/14	Differences b/w Thermoplastics & TSP.	I	"		
9	25/09/14	Explanation of Compounding of plastics.	I	"		
10	26/09/14	Compounding of Plastics.	I	"		
11	29/09/14	Moulding Concepts of Plastics.	I	"		
12	30/09/14	① Compression and. ② Injection Moulding.	I	"		
13	01/10/14	③ Transfer Moulding & ④ Extrusion Moulding.	I	"		
14	02/10/14	Preparation, Properties and uses of 'Polythene'.	I	"		
15	03/10/14	Preparation, Properties and uses of PVC.	I	"		
16	06/10/14	" " " Polyester.	I	"		
17	07/10/14	" " " Bakelite, Nylon-6,6.	I	"		
18	08/10/14	" " " Nylon-6.	I	"		
19	09/10/14	" " " Teflon etc.,	I	"		
20	10/10/14	Basics of Cement and classification of Cement.	I	"		

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21	13/10/14	Raw Materials of Cement.	I	C.R.		
22	14/10/14	Manufacturing of Cement Dry Process & Wet Process.	I	"		
23	15/10/14	② Burning of Raw Materials.	I	"		
24	16/10/14	③ Adding of Gypsum. description.	I	"		
25	17/10/14	Chemical Constitution of Portland Cement.	I	"		
26	20/10/14	Setting and Hardening, - chemical reaction.	I	"		
27	21/10/14	Sources of water, Hardness of water.	II	"		
28	22/10/14	Temporary and Permanent hardness.	II	"		
29	24/10/14	Temporary and Permanent hardness	II	"		
30	24/10/14	Units of hardness, Estimation of hardness.	II	"		
31	28/10/14	Estimation of hardness by EDTA Method.	II	"		
32	29/10/14	Problems. Method of Treatment for domestic.	II	"		
33	30/10/14	Sedimentation, Coagulation, Filtration.	II	"		
34	31/10/14	Disinfection, sterilisation chlorination.	II	"		
35	31/10/14	Break point chlorination. Ozonisation	II	"		
←		II MIA Examination (03/11/14 to 06/11/14)		→		
36	07/11/14	Industrial water Treatment - Desalination	II	"		
37	10/11/14	Electrodialysis, Reverse Osmosis	II	"		
38	11/11/14	Lime-Soda Process	II	"		
39	12/11/14	Zeolite Process Ion-Exchange Process	II	"		

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40	13/11/14	Differences b/w Industrial methods.	II	C.R.		
41	14/11/14	Differences b/w LS, Zeolite, Ion exchange.	II	"		
42	17/11/14	Def., examples, Types of Corrosion.	III	"		
43	18/11/14	Theories of Corrosion and Mechanism.	III	"		
44	19/11/14	Dry Corrosion, Wet Corrosion.	III	"		
45	20/11/14	Principles of Corrosion - Galvanic Series.	III	"		
46	21/11/14	Galvanic Corrosion, Concentration Cell Corrosion.	III	"		
47	24/11/14	Mechanism of wet Corrosion.	III	"		
48	25/11/14	H ₂ evolution type Corrosion.	III	"		
49	26/11/14	O ₂ absorption type Corrosion.	III	"		
50	27/11/14	Factors influencing Corrosion.	III	"		
51	28/11/14	Factor influencing Corrosion.	III	"		
52	29/11/14	Corrosion Controlling, Proper design.	III	"		
53	02/12/14	Use of pure metal and metal alloys.	III	"		
54	02/12/14	Paints, Cathodic Protection.	III	"		
55	03/12/14	Sacrificial anode and impressed current.	III	"		
56	03/12/14	Sacrificial anode and impressed current.	III	"		
57	04/12/14	Modifying the environment.	III	"		
58	05/12/14	Use of inhibitors.	III	"		
59	08/12/14	Use of inhibitors.	III	"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
60	08/12/14	Introduction to Liquid fuels.	IV	C.R.		
61	08/12/14	classification of Crude oil - Fractional distillation	IV	"		
62	08/12/14	Cracking (Thermal)	IV	"		
63	09/12/14	Cracking (Catalytic) Synthetic Petrol	IV	"		
64	09/10/14	Fischer-Tropsch & Bergius-Process.	IV	"		
65	09/12/14	Polymerisation - Refining & Reforming.	IV	"		
66	←	← 2nd MID examination →				
66	15/12/14	Knocking, Anti-Knocking Agents.	IV	"		
67	15/12/14	Octane & Cetane Nos.	IV	"		
68	16/12/14	Principle & Functions of Lubricants.	IV	"		
69	17/12/14	Types of Lubrication Thick Thin, Extreme P.	IV	"		
70	18/12/14	classification and Properties of Lubricants.	IV	"		
71	19/12/14	Viscosity, Flash & Fire Points.	IV	"		
72	22/12/14	Cloud & Pour points. Aniline Points.	IV	"		
73	23/12/14	Neutralisation No. Mechanical strength.	IV	"		
74	24/12/14	Introduction to Solar energy	V	"		
75	26/12/14	Harnessing of Solar energy.	V	"		
76	29/12/14	P.V. Cells.	V	"		
77	30/12/14	Concentrated Solar Power Plants.	V	"		
78	31/12/14	Green House Concepts.	V	"		

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