

STUDY PLAN

Hydrology		Structural Analysis		Irrigation Engineering	
Topic	Timing			Topic	Timing
Stage and form of precipitation	Recording-1	Topic	Timing	Orientation	Recording-1
Index of wetness	Recording-2			Methods of irrigation-1	Recording-2
Arithmetic mean method and theissen polygon method	Recording-3	Static Indeterminacy Of Structure	Recording-1	Methods of irrigation-2	Recording-3
Estimation of missing data	Recording-4	Kinematic Indeterminacy Of Structure And Stability	Recording-2	Different types of Efficiency of irrigation-1	Recording-4
Mass curve and hyetograph	Recording-5	Forced Method	Recording-3	Different types of Efficiency of irrigation-2	Recording-5
Method to determination	Recording-6	Slope Deflection Method	Recording-4	Water Requirement of Crops-1	Recording-6
Probability method	Recording-7	Moment Distribution Method	Recording-5	Water Requirement of Crops-2	Recording-7
Infiltration w index and phi index	Recording-8	Cables And Frames, Arches	Recording-6	Canal Irrigation System-1	Recording-8
Hydrograph	Recording-9	Influence Line Diagram And Rolling Loads	Recording-7	Canal Irrigation System-2	Recording-9
		Joint Method	Recording-8	Gravity Dam & Spillway-1	Recording-10
		Section Method	Recording-9	Gravity Dam & Spillway-2	Recording-11
				Different types of forces action on DAM-1	Recording-12
				Different types of forces action on DAM-2	Recording-13
				Different types of forces action on DAM-3	Recording-14
				Different types of forces action on DAM-4	Recording-15
				Different types of forces action on DAM-5	Recording-16
				Water Logging & Reclamation of Saline Soil-1	Recording-17
				Water Logging & Reclamation of Saline Soil-2	Recording-18
				Cross Drainage Work-1	Recording-19
				Cross Drainage Work-2	Recording-20

BMC		SOM	
Topic	Timing	Title	Timing
Introduction	Recording-1	Bending in Beam-1	Recording-1
Constituent of Cement	Recording-2	Bending in Beam-2	Recording-2
Composition of Cement-1	Recording-3	Bending in Beam-3	Recording-3
Composition of Cement-2	Recording-4	Torsion in Shaft-1	Recording-4
Testing of Cement-1	Recording-5	Torsion in Shaft-2	Recording-5
Testing of Cement-2	Recording-6	Combined Stresses-1	Recording-6
Type of Cement-1	Recording-7	Combined Stresses-2	Recording-7
Type of Cement-2	Recording-8	Combined Stresses-3	Recording-8
Misc.	Recording-9	Mohr Circle-1	Recording-9
Promotion	Recording-10	Mohr Circle-2	Recording-10
Introduction	Recording-11	SFD & BMD-1	Recording-11
Composition of good brick earth	Recording-12	SFD & BMD-2	Recording-12
Classification of brick	Recording-13	SFD & BMD-3	Recording-13
Classification of brick	Recording-14	SFD & BMD-4	Recording-14
Testing of brick-1	Recording-15	Slope & Deflection-1	Recording-15
Testing of brick-2	Recording-16	Slope & Deflection-2	Recording-16
Type of brick	Recording-17	Columns & Struts	Recording-17
masonry of brick	Recording-18	Thin & Thick Cylinder	Recording-18
Misc	Recording-19	Theory of Failure-1	Recording-19
Type of rock	Recording-20	Theory of Failure-2	Recording-20
Test	Recording-21		

Misc.	Recording-22	Springs	Recording-21
Classification of tree	Recording-23	Basic Introduction	Recording-22
Defect in timber	Recording-24	Types of Loads & Classification-1	Recording-23
Defect in timber	Recording-25	Types of Loads & Classification-2	Recording-24
Defect in timber	Recording-26	Stress & Strain (Basics)-1	Recording-25
Sawing of timber	Recording-27	Stress & Strain (Basics)-2	Recording-26
Seasoning	Recording-28	Stress & Strain (Basics)-3	Recording-27
Seasoning	Recording-29	Stress-Strain Curve	Recording-28
Wood product	Recording-30	Failure under Different Loading	Recording-29
Wood product	Recording-31	Elastic Constants	Recording-30
Misc.	Recording-32	Deformation (Series & Parallel)-1	Recording-31
Paint	Recording-33	Deformation (Series & Parallel)-2	Recording-32
Vernish and distemper	Recording-34	Strain Energy due to Self Weight	Recording-33
Introduction Of Lime	Recording-35	Strain Energy-1	Recording-34
Fat lime and hydraulic lime	Recording-36	Strain Energy-2	Recording-35
Introdution	Recording-37	Moment of Inertia-1	Recording-36
Classification of aggregate	Recording-38	Moment of Inertia-2	Recording-37
Bulking of sand	Recording-39	Thermal Stress-1	Recording-38
Water cement ratio	Recording-40	Thermal Stress-2	Recording-39
Workability	Recording-41	Beams (CRM)-1	Recording-40
Admixture	Recording-42	Beams (CRM)-2	Recording-41
Misc.	Recording-43	Beams (CRM)-3	Recording-42
Misc.	Recording-44		

Building Masonary	Recording-45		
Satir	Recording-46		
Door	Recording-47		
Window roofing	Recording-48		
Scaffolding	Recording-49		

