Study Plan

BMC		Estimation and Costing		Surveying		Irrigation Engineering		Stength of Material		Engineering Mechanics	
Topic	Timing	Topic	Timing	Topic	Timing	Topic	Timing	Topic	Timing	Topic	Timing
Introduction	Recordings-1	Estimation & Costing-1	Recordings-1	Types Of Surveying, Principal Of Survey	Recording-1	Orientation	Recording-1	Stress & Strain (Basics)	Recording-1	Basic of forces-1	Recording-1
Constituent of Cement	Recordings-2	Estimation & Costing-2	Recordings-2	Vernier Caliper And Types	Recording-2	Methods of irrigation-1	Recording-2	Stress-Strain Curve	Recording-2	Basic of forces-2	Recording-2
Composition of Cement-1	Recordings-3	Estimation & Costing-3	Recordings-3	Chain Line, Types Of Chain	Recording-3	Methods of irrigation-2	Recording-3	Failure under Different Loading	Recording-3	Basic of forces-3	Recording-3
Composition of Cement-2	Recordings-4	Estimation & Costing-4	Recordings-4	Tape, Correction In Chain Survey	Recording-4	Different types of Efficiency of irrigation-1	Recording-4	Elastic Constants	Recording-4	Basic of forces-4	Recording-4
Testing of Cement-1	Recordings-5	Estimation & Costing-5	Recordings-5	Types Of Correction In Chain Survey, Normal Tension	Recording-5	Different types of Efficiency of irrigation-2	Recording-5	Deformation (Series & Parallel)-1	Recording-5	Basic of forces-5	Recording-5
Testing of Cement-2	Recordings-6	Estimation & Costing-6	Recordings-6	Bearing & Measurement Of Bearing	Recording-6	Water Requirement of Crops-1	Recording-6	Deformation (Series & Parallel)-2	Recording-6	Types of beam-1	Recording-6
Type of Cement-1	Recordings-7			Whole Circle Bearing & Reduce Bearing System	Recording-7	Water Requirement of Crops-2	Recording-7	Strain Energy due to Self Weight	Recording-7	Types of beam-2	Recording-7
Type of Cement-2	Recordings-8			Fore Bearing & Back Bearing Calculation-1	Recording-8	Canal Irrigation System-1	Recording-8	Strain Energy-1	Recording-8	Concepts of friction-1	Recording-8
Misc.	Recordings-9			Fore Bearing & Back Bearing Calculation-2	Recording-9	Canal Irrigation System-2	Recording-9	Strain Energy-2	Recording-9	Concepts of friction - 2	Recording-9
Promotion	Recordings-10			Important Definition & Closing Error	Recording-10	Gravity Dam & Spillway-1	Recording-10	Moment of Inertia-1	Recording-10	Concepts of friction - 3	Recording-10
Introduction	Recordings-11			Important Definition	Recording-11	Gravity Dam & Spillway-2	Recording-11	Moment of Inertia-2	Recording-11	Moment of Inertia-1	Recording-11
Composition of good brick earth	Recordings-12			Method To Find The Rl	Recording-12	Different types of forces action on DAM-1	Recording-12	Thermal Stress-1	Recording-12	Moment of Inertia-2	Recording-12
Classification of brick	Recordings-13			Hi Method & Rise And Fall Method	Recording-13	Different types of forces action on DAM-2	Recording-13	Thermal Stress-2	Recording-13	Moment of Inertia-3	Recording-13
Classification of brick	Recordings-14			Reciprocal Levelling, Calculation Of Rl	Recording-14	Different types of forces action on DAM-3	Recording-14	Beams (CRM)-1	Recording-14	Conservation of momentum and energy-1	Recording-14

Testing of brick-1	Recordings-15			Important Definition	Recording-15	Different types of forces action on DAM-4	Recording-15	Beams (CRM)-2	Recording-15	Conservation of momentum and energy-2	Recording-15
Testing of brick-2	Recordings-16			Methods	Recording-16	Different types of forces action on DAM-5	Recording-16	Beams (CRM)-3	Recording-16		
Type of brick	Recordings-17			Instruments Of Plane Table Survey	Recording-17	Water Logging & Reclamation of Saline Soil-1	Recording-17	Bending in Beam-1	Recording-17		
masonary of brick	Recordings-18			Setting Of Plane Table	Recording-18	Water Logging & Reclamation of Saline Soil-2	Recording-18	Bending in Beam-2	Recording-18		
Misc	Recordings-19			Methods	Recording-19	Cross Drainage Work-1	Recording-19	Bending in Beam-3	Recording-19		
Type of rock	Recordings-20			Instrument	Recording-20	Cross Drainage Work-2	Recording-20	Torsion in Shaft-1	Recording-20		
Test	Recordings-21			Tachometric Equation & Measurement	Recording-21			Torsion in Shaft-2	Recording-21		
Misc.	Recordings-22							Combined Stresses-1	Recording-22		
Classification of tree	Recordings-23							Combined Stresses-2	Recording-23		
Defect in timber	Recordings-24							Combined Stresses-3	Recording-24		
Defect in timber	Recordings-25							Mohr Circle-1	Recording-25		
Defect in timber	Recordings-26							Mohr Circle-2	Recording-26		
Sawing of timber	Recordings-27							SFD & BMD-1	Recording-27		
Seasoning	Recordings-28							SFD & BMD-2	Recording-28		
Seasoning	Recordings-29							SFD & BMD-3	Recording-29		
Wood product	Recordings-30							SFD & BMD-4	Recording-30		
Wood product	Recordings-31							Slope & Deflection-1	Recording-31		
Misc.	Recordings-32							Slope & Deflection-2	Recording-32		
Paint	Recordings-33							Columns & Struts	Recording-33		
Vernish and distemper	Recordings-34							Thin & Thick Cylinder	Recording-34		
Introduction Of Lime	Recordings-35							Theory of Failure-1	Recording-35		

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Fat lime and hydraulic lime	Recordings-36							Theory of Failure-2	Recording-36		
Introdcution	Recordings-37							Springs	Recording-37		
Classification of aggregate	Recordings-38							Orientation	Recording-38		
Bulking of sand	Recordings-39							Basic Introduction	Recording-39		
Water cement ratio	Recordings-40							Types of Loads & Classification-1	Recording-40		
Workability	Recordings-41							Types of Loads & Classification-2	Recording-41		
Admixture	Recordings-42							Stress & Strain (Basics)-1	Recording-42		
Misc.	Recordings-43							Stress & Strain (Basics)-2	Recording-43		
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