

PNS SCHOOL OF ENGINEERING & TECHNOLOGY

LESSION PLAN

BRANCH-CIVIL	SEMESTER-3RD	NAME OF THE FACULTY-ER. MRS. GAYATREE SAHOO
SUBJECT-ESTIMATION AND COST -1	NO OF DAYS PER WEEK -6 CLASS	SEMESTER FROM-01/08/2023 TO 30/11/2023
MONTH	WEEK OF DAY	TOPIC NAME
AUGUST-1ST	2ND	Introduction 1.1 Types of estimates – Plinth area, floor area / carpet area
	3RD	CONTINUING
	4TH	Units and modes of measurements as per IS 1200
	6TH	CONTINUING
	2ND	CONTINUING
2ND	1ST	Accuracy of measurement for different item of work
	2ND	CONTINUING
	3RD	Quantity Estimate of Building
	4TH	Short wall long wall method and centre line method, deductions in masonry, plastering, white washing, painting etc
	6TH	CONTINUING
3RD	1ST	CONTINUING
	3RD	multiplying factor (paint coefficients) for painting of doors and windows (paneled/glazed), grills etc.
	4TH	CONTINUING
	6TH	CONTINUING
4TH	1ST	Detailed estimate of single storied flat roof building with shallow foundation
	2ND	CONTINUE
	3RD	RCC roof slab with leak proof treatment over it including staircase and mumty room.
	4TH	Analysis of rates for cement concrete, brick masonry in Cement Mortar, laterite stone masonry in Cement Mortar,
	6TH	CONTINUE
SEPTEMBER-1ST	6TH	CONTINUE
2ND	1ST	cement plaster, white washing, Artificial Stone flooring, Tile flooring, concrete flooring
	4TH	CONTINUE
	6TH	CONTINUE
3RD	1ST	CONTINUE
	2ND	CONTINUE
	3RD	Calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D. system
	4TH	CONTINUE

	6TH	CONTINIUE
4TH	1ST	Abstract of cost of estimate.
5TH	1ST	CONTINIUE
	2ND	CONTINIUE
	3RD	Valuation- Value and cost, scrap value, salvage value, assessed value
	4TH	CONTINIUE
	6TH	CONTINIUE
OCTOBER-1ST	2ND	sinking fund, depreciation and obsolesce, methods of valuation
	3RD	CONTINIUE
2ND	1ST	CONTINIUE
	2ND	Administrative set-up and hierarchy of Engineering department in State Govt./Central Govt./PSUs/Private Sectors etc
	3RD	CONTINIUE
	4TH	CONTINIUE
3RD	1ST	c. Duties and responsibilities of Engineers at different positions /levels.
	2ND	CONTINIUE
	3RD	CONTINIUE
5TH	1ST	CONTINIUE
	2ND	DOUBT CLEARING CLASS
NOVEMBER-1ST	3RD	DOUBT CLEARING CLASS
	4TH	DOUBT CLEARING CLASS
		DOUBT CLEARING CLASS
2ND	3RD	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	4TH	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	6TH	DISCUSS ABOUT PREVIOUS YEAR QUESTION
3RD	2ND	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	3RD	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	4TH	DISCUSS ABOUT PREVIOUS YEAR QUESTION
4TH	1ST	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	2ND	DISCUSS ABOUT PREVIOUS YEAR QUESTION
	3RD	REVISION
	4TH	REVISION
5TH	2ND	REVISION
	3RD	REVISION
	4TH	REVISION

Gayatri Saha

LECTURE SIGN

Sudeepa Mishra

HODSIGN