

Discipline Civil Engg	Semester 3 rd	Name of the teaching faculty Mc. SJ Rosey Turkey
Subject Estimation & cost	No of day / per week class allotted 04	Semester from date 15/09/22 to date 21/1/23
Evaluation - I		No of week : 17

WEEK	CLASS DAY	THEORY
		<u>INTRODUCTION</u>
1st week 15.09.2022 to 17.09.2022	1st →	1.1 Types of estimates - plinth area, floor area / carpet area
		1.2 units and modes of measurement as per IS 1200
	2nd →	1.3 Accuracy of measurement for different item of work.
		<u>QUANTITY ESTIMATE OF BUILDING</u>
2nd week 20.09.2022 to 24.09.2022	3rd → 1st → 2nd →	2.1 short wall long wall method and centre line method. deductions in masonry plastering, white washing, painting etc.,

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24/9/22

WEEK	CLASS DAY	THEORY
2nd week 19.9.2022 to 24.9.2022	3rd →	Multiplying factors (paint coefficients) for painting of doors and windows (paneled / glazed), grills etc.
3rd week 26.09.2022 to 30.09.2022	1st, 2nd → 3rd, 4th →	2.2 Detailed estimate of single storied flat roof building with shallow foundation and R.C.C. roof slab with leak proof treatment over it including staircase and mummy room.
4th week 10.10.2022 to 15.10.2022	1st, 2nd → 3rd, 4th →	
5th week 17.10.2022 to 22.10.2022	1st, 2nd, 3rd 4th	<u>ANALYSIS OF RATES AND VALUATION</u>
6th week 24.10.2022 to 29.10.2022	1st, 2nd, 3rd 4th →	3.1 Analysis of rates for cement concrete, brick masonry in cement mortar, laterite stone masonry in cement mortar, cement plaster, white washing, Artificial stone flooring, tile flooring, concrete flooring

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29/10/22

7th week 31.10.2022 to 5.11.2022	1st, 2nd, 3rd, 4th →	R.C.C. with centering and shuttering, reinforcing steel, painting of doors and windows etc. as per opwd.
8th week 07.11.2022 to 12.11.2022	1st, 2nd 3rd, 4th →	3.2 calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D system (concept of C.P.W.D. / Railways provisions)
9th week 14.11.2022 to 19.11.2022	1st, 2nd 3rd, 4th →	
10th week 21.11.2022 to 26.11.2022	1st, 2nd, 3rd, 4th →	3.3 Abstract of cost estimate.
11th week 28.11.2022 to 3.12.2022	1st, 2nd, 3rd, 4th →	3.4 valuation - value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolescence, methods of valuation.
12th week 5.12.2022 to 10.12.2022	1st, 2nd, 3rd, 4th, →	<u>ADMINISTRATIVE SET-UP OF ENGG ORGANISATIONS:</u>
13th week 18.12.2022 to 17.12.2022	1st, 2nd 3rd, 4th →	4.1 Administrative set-up and hierarchy of Engg department in state govt. / central govt. / PSUs / private sectors etc. duties and responsibilities of Engineers at different positions / levels.
14th week 19.12.2022 to 22.12.2022	1st, 2nd, 3rd →	Revision.

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22/12/22

15th week	1st	
5.1.2023	2nd	Revision
to	3rd	
7.1.2023	4th	
16th	1st	
9.1.2023	2nd	Revision
to	3rd	
14.1.2023	4th	
17th	1st	
16.1.2023	2nd	Revision
to	3rd	
21.1.2023	4th	

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 21 / 1 / 23