Note: Attempt all autations 1. State and prove Joseph AND 2. write the statement of 4. write the statement of 6 and space.	5. Explain algebric what space of	
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Note	- Attempt well questions.
	softine Transport Equation.
8	write the planistonian and
À	write the Statement of Roisson warboux Equation
4	state and beeve lax-obeinic
4	Proue that
	$(U*V)^{\Lambda} = (g\Lambda)^{\eta/2} \Lambda^{\Lambda}$

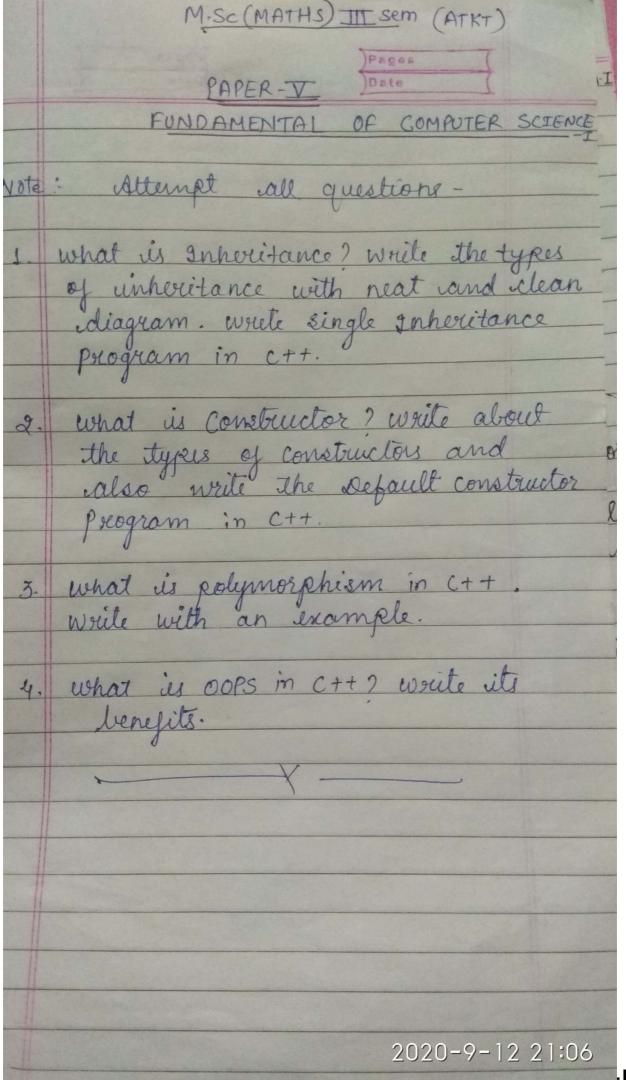
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PAPER-TH PAPER THEORY OF LINEAR OPERATOR-I	lineage	social anguet dinear operator.	Discuss Fredholm alternative for integral Equations	Let T: H -> H dre a boundled Level adjoind linear aperator on a complex dilbert space +1 they all the riger value of T are	or dilbert space H. show that	are orthogonal.	
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		OPERATIONS RESEARCH-I				
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1	Libat	tour applications of				
	sheration	some applications of sesearch in industry				
	quiuon	s records we analogy.				
2.	Write	the advantages of 1.88				
	(Linear	the advantages of 1.99 programming problem)				
		9				
3	Solve	by simplex method				
	3 148 3	$lax Z = 3x_1 + 2x_2$				
		elj. to constraints				
	n Name of	The state of the s				
	alice as	$x_1 + x_2 \leq 4$				
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