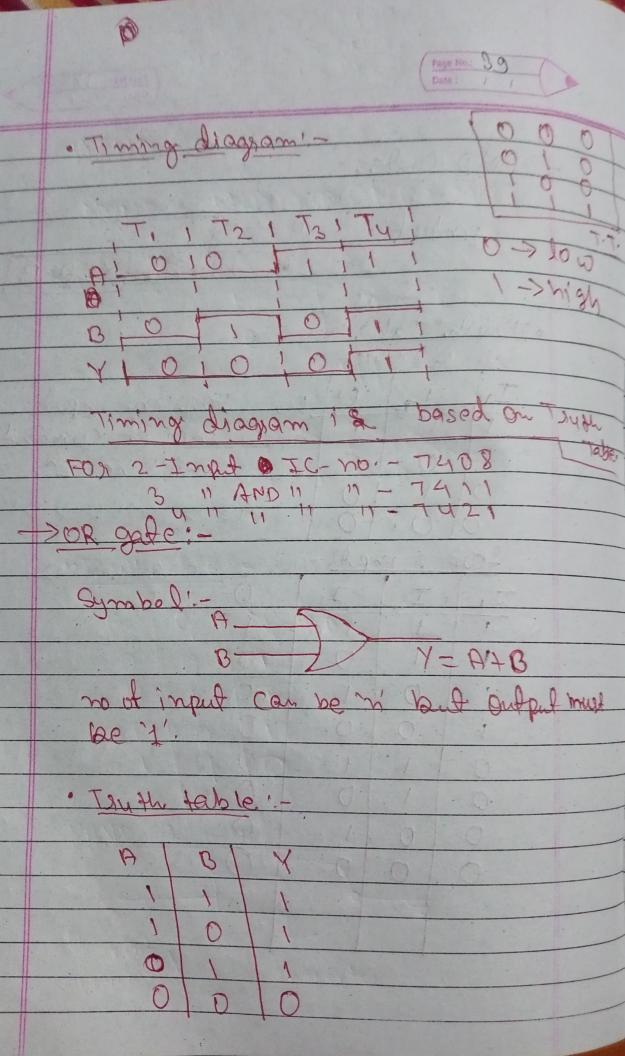
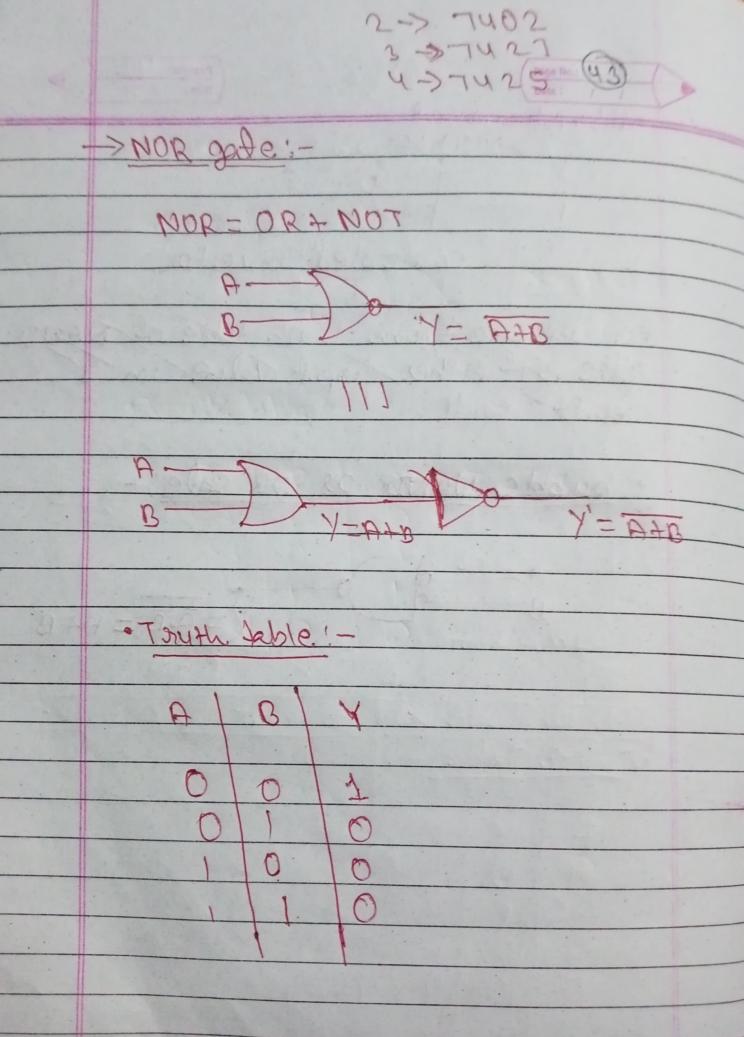
Page No.: 37 Date: > Logic Grates:is basic gates !-AND OR NOT universal it can used to implement besingle NAND NOR iii) Special gate: EX-OR, EX-NOR the harge 400 types of imput:-1 and 0 righ low labe Palse Truth Table-> 9+5hows output of
gates according for different input

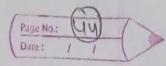


09802 Page No.: 40 · Timing diagram: 7, 172, 173 1741 7C NO. 01 2 mand 0R - 7432 - : stap TOM < Symbol!-[For this got only 1 imput is possible.] · Truth table! -

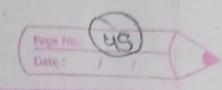
IC NOF L 2 > 7400 NAND -3 > 7410 Crete - 4 > 7420 Page No.: U1 Date: / / >NAND Grafe!-TON + CONFICTOR - CHAN Symbol! -· Tauth table: -· NARD es investor! investor

Page No.: 42
Date: / / all input combined I except one controlled inverter LOC. Can See from touth before of plans gate fifether ment value in y · bubble NAND as OR gate! -Y= A.B = A+B





	NOR as invertor! -
	X-Do X O Do =
	invertor controlled invertor
-	20000000-
	· bubble. NOR gate as AND gate!
	A
	B- QO Y= A+B = A-B
	ABĀBĀBĀBABAB
	00111000
	10000
	So, as we see A+B = A·B



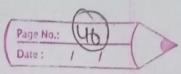
-> X-OR ! -

Symbol! -

X=AEB = AB+BB

· Truth table :-

A	B	A-EA-X	3
1		0	
1	0	1	N
0	1	100	-
0	0	0	0



	Date:
	>X-NOR
	Symbol:-
	A TT
	B X = A OB
	$= A \oplus B$
1	= AB+ A'B'
	· Truth table!-
	WASTER STREET,
	ABX
	010
	001
	1 1 1
	11010
	William Control of the Control of th
-	