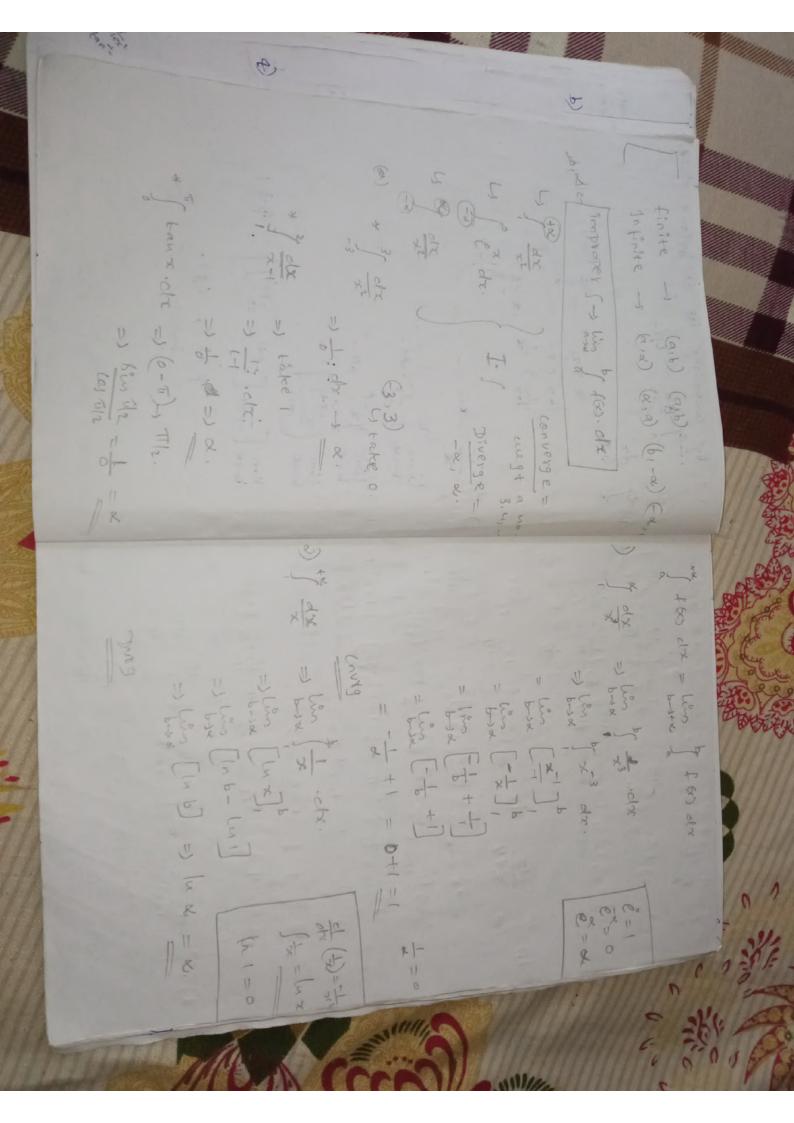


= lim (ton-1x) a + lim [ton-1x] b SIT & da ok = (speck) - Con of the of at a [tan'o-ton'a] + lin [tan'b-tan'o] himit is infinite to o tw J cosh z dz. = lim o cosh x dz = fin [Rubo - Scuha] = flux [sinh x] finite value le cup 5) 5.7 Ja 17x2 dr is Dug. = 0 - lim took + lim took of the -took or - (-1) + 1 - T + = T + = T + = T + = T + = T of the open - line by on oh Rangk :-= line [la (tri)] + line [la (tri)]. himite here RHS olives met fruit, so the grow = lin [lu! - lu(1+02)] + lin [lu (1+12)-lu] - line for an of the dr. = Jan dx + Jan dx. · End so S Ay B Little-only divid- brooms number - ling [Da (1+x2)] = fin [lu(1+62)- lu(1+62) · 600 - 100 to - mited

6) 5.7 Jac-tx on , to constat, cug A) Se-tx clas = Chin who the of the state to any go, I blace lim etb = -th-J-ve, b-ja means -ta-j-a -je-1 orning implies that of fow do need not be equal to lim to fan che. bye [etb] TIGE CO J & 16 to se my if too. 2 = line [e-tx]b = lim [1-etb] The tro or o who too lim 1 - lim etb 1 - line etb. lin etb = { o , if to of etx dr Sex = ex /+ | e+x 京東巴 1) S.T 5 to cla , P-3 constat & a >0, - pin (x - pil) b who p pil 220 32 then to great on it the trong who too, of ex doc = of dr. is get color and if the se and if = lim [b-pt1 - a-pt1] = lim [b-yx [b - a - P] (Lad if b>1 & gro it b>1. = ling book = ling [x] b 11-P -> >1 mgamana -> 6-1 b -> 11 compound and b the 15 To (100 100) And it

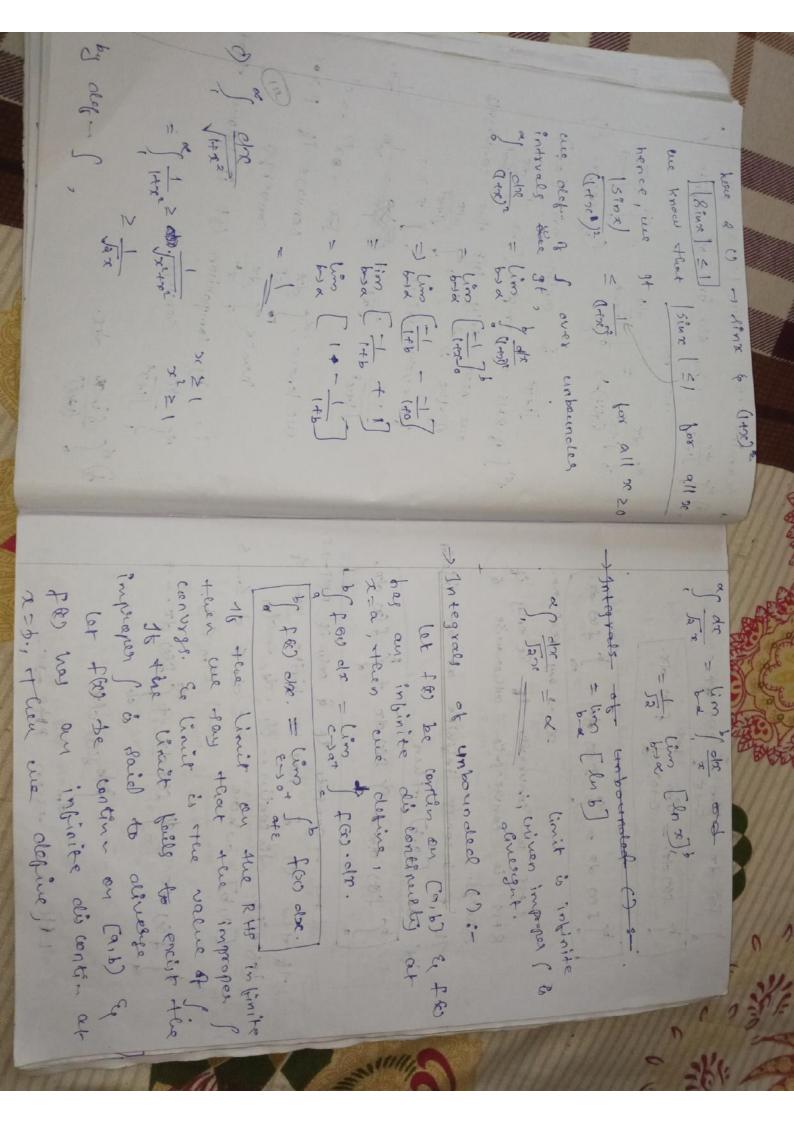
-) Tests for convergence & Tugo- of Examine the conveynts for 1-th J. J. is comparison test. The most sont test for cus of an or of cuits unbounded intrody obsectly from the clef. ruest of tests are for testing Many J. J cannot be evaluated of dx the conversence of improper Comparison integrals in testing Since these J.S can be used as Rmak :- 9 - 6, 6 7 are of get inp is a set of the boll se choo who p=0; \ \ \frac{1}{\pi^p} c/n = \ \ \ \ \ \ \ \ c/n. thence I'm to cla cong it pois to Jampanis on Test :-= lin [lub-lua] = & e-lu him to a che = ling [hiz] 2) of far our se of 9 as one exist box) If (50) < 9(5) box all x > 9 Suppose that I say are () Ruch 少年的 < 3500 × >9 + it is also of the order of the order +it of foods to divergnt & a of goods 2) 16 gazodx is canvignt. fuely bya then, (c . ox not) 18 -81

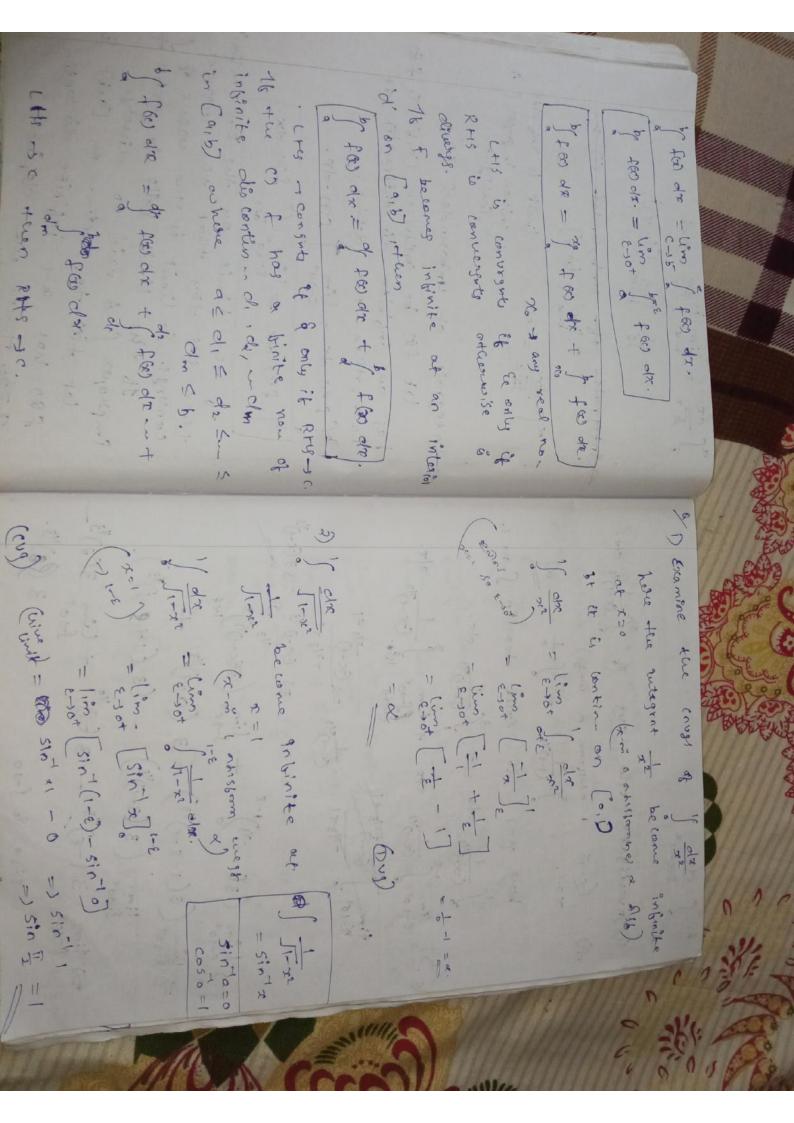
0 3) of -tx dx, hence of excla ett cgs. ext. 100 [1 - 1 - 1] = line + [-6+ +1] = line + [1 - 6+ +1] = line + [1 - 6+ +1] of exide , cos d (38. tion by the ola. Cox. 1 >0 C) dy dx The Table of the state of the s bye of to abe Dis [-Pt] [Pt - a Pt] , Pt Camposision by it follows thou of dr cos. P71, (g).

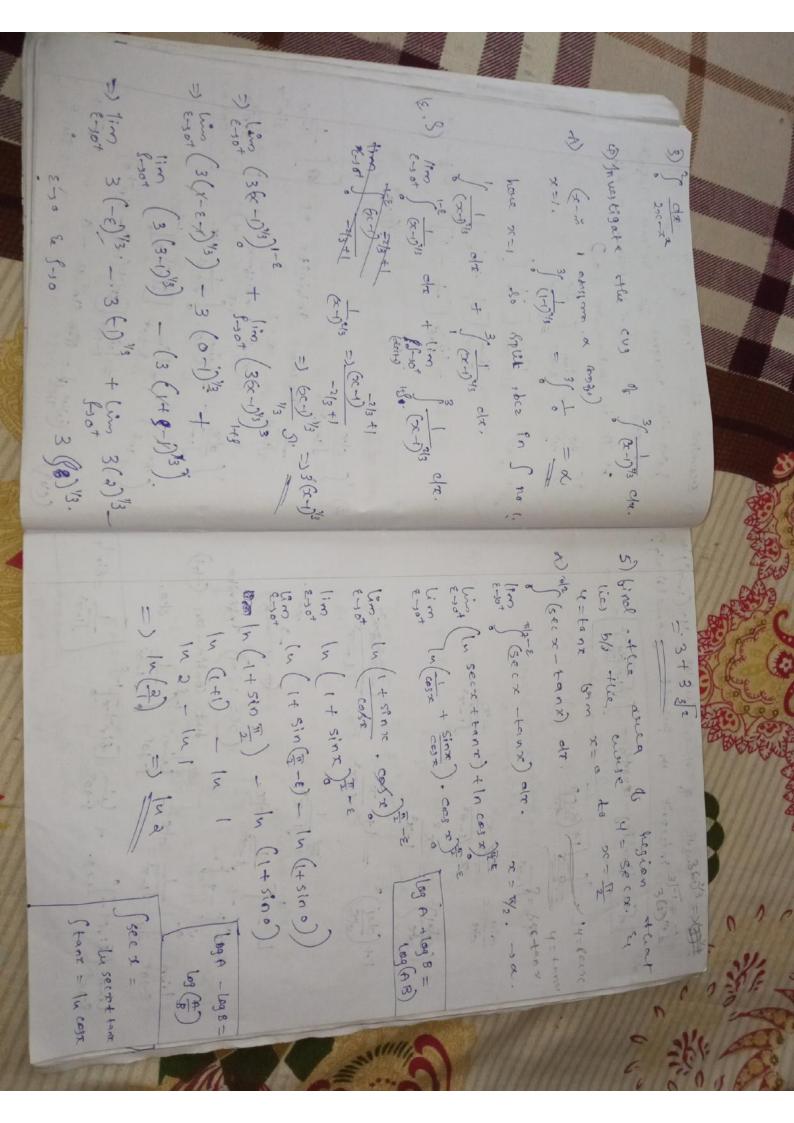


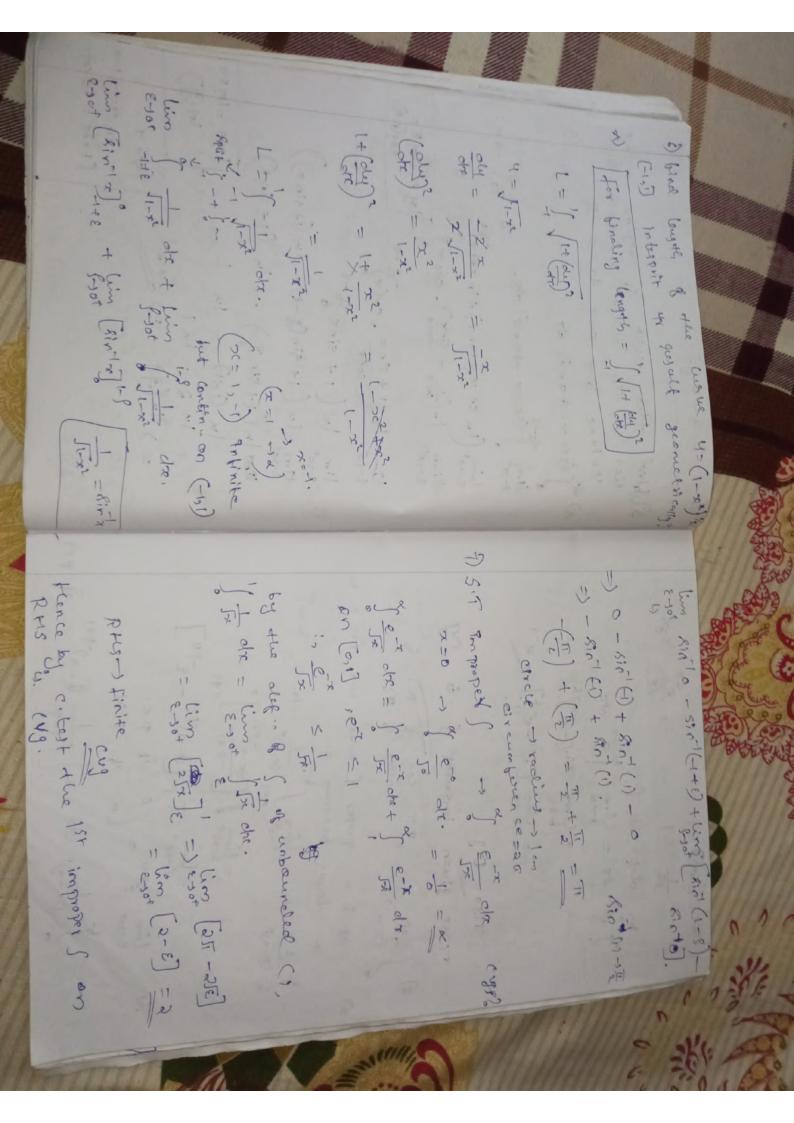
B 1 (18 - 18 - 1/4 + B.C. 2/11. 3 + 8/11 C= 1) = + + + + + + (a) -) (m) (+ tan (2) -+ tan (3) to tan of end alx => lead 8 - ton (Ex) your -ue => Lies (24) 0 - Lies (E40 - E44) は、五一十日から - 1 - CHA - CHX-+ サナーの二十十 tan 12 = 1 1 224h = からな (Saporeso) and know , of ctx dx cog it too Par ale de colo 841 C Ex -Cx 134: J + >0 P >* J F 150 Bud

of Examine the convegets of follows for every value of by 2 > 1 ans sink of of class, by the pro) of definite of liting = Judge + olx me know of THE GOOD BY TOUTH JULY COUNTRY. THE STATE OF THE S by composison by it bottoms that one converse is pool 1/2 - X 8 1 -> X 4 (by definite S









8) 6 ch 9: The con it me) 6 (8) (8) (8) of to also = lim b to come or spend of The diner joubober ? of col It is a proper of when me give a to (1 4 1) 0 = 84 - 80 it p <1 The old - do Je of one p (20-3) on = { -1 p (0-3) p+1 1 p p 1) ويما رامي to F3 = = 6-12 [e'-e-b] = e よいか あしてきから 1-p (b-d) q-1. hence by the is come it P < 1 to the P=1,

The standard of the En) og Sabeldus, und og 12 d. = Compt (In (x-9)] + Cote = lim [la 6-0) - la E] = In (b-a) - lim la E