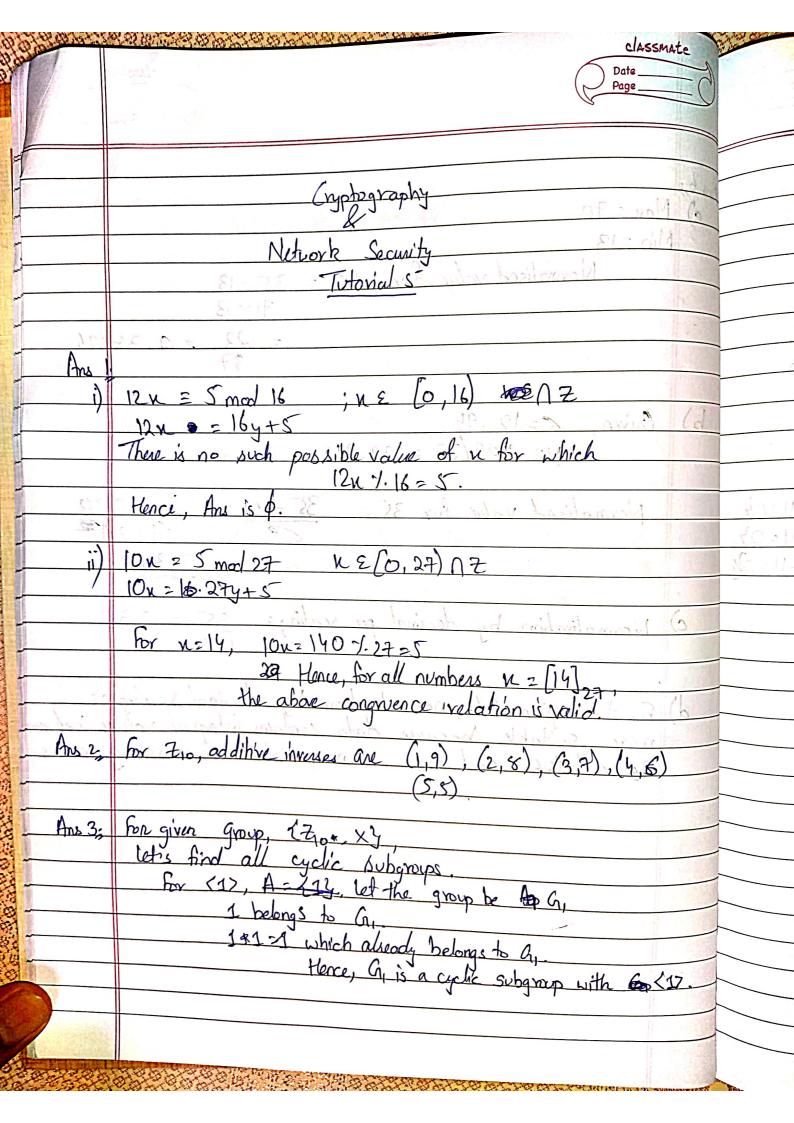
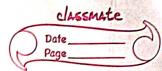
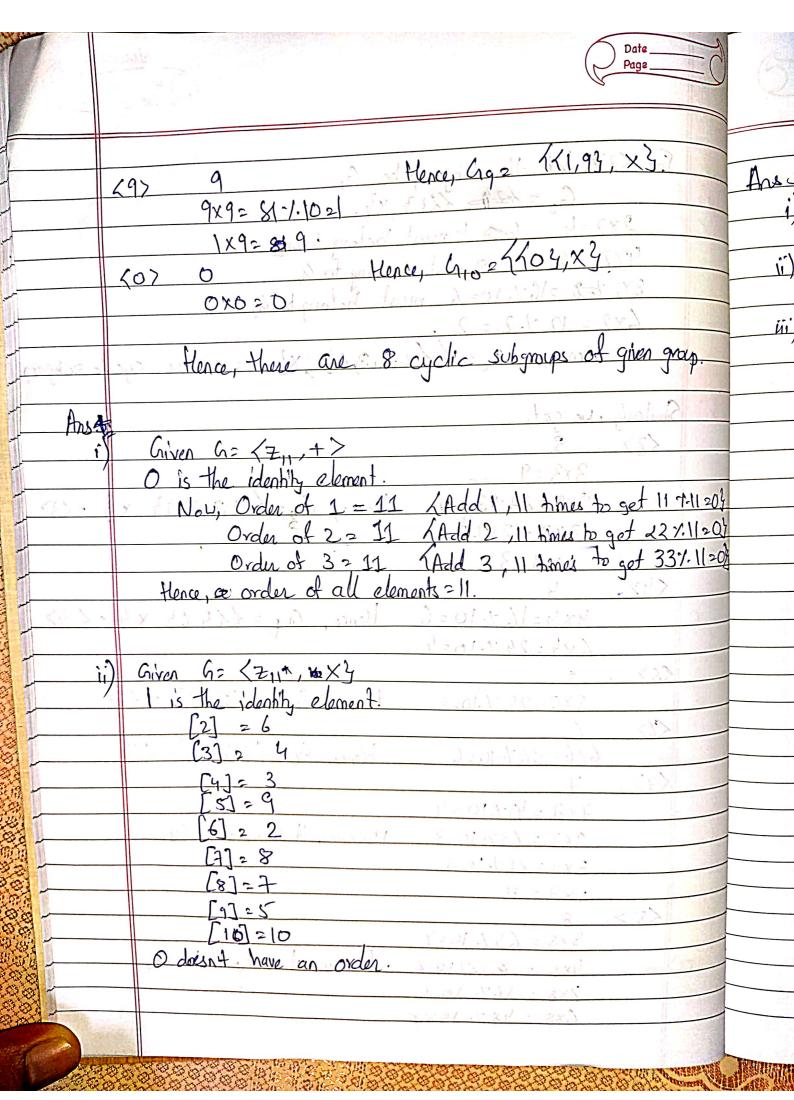
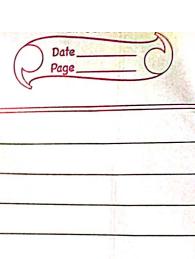
NAME: KRUNAL RAN ROLL No: 11860081 CLASS: DIECH TH LEAR JEMESTER:





For <2>, let the subgroup be G. Con Con Cary x3. Tooling opp 2x2=4 400 4 must belong to G2 4x2 = 8 8 must belong to G2 8x2 to 2167.1026 must belong to G2 6x2=121.2=2. Hence, a, 2 162, 4, 8, 64, xy is another cyclic subgrap Similarly, Le get, (37, 3 3x3=9 10 Hence, Gy= {<1,3,7,93, x3 = <3> 9x3 =271:8=7 7×3 = 217.8 2 1x3=35 MA (47 Hence, Gg= (44,63, x3 = < 4> 4x4=167.10=6 6x42247.10=4 (57 Hence, Gr = K153, X3 = 153 5x5=25.7.10=5 <6>\_ Hence, Go = 6164, xy = <6> 6×6=367-1026 (7> 7x7=494.10=9 1x7=63%10=3 However, it is equal to Co. 3x7=217.1021 1×7=7 <8 ><u>,</u> 8 8x8 = 647.10=4 4x8 = 8327.10=2 Hoveren it is equal to Grz 2x8 = 167. 10=6 Gx8 = 487-10=8





Ars S 12-1 mad 77 = 34 45 515 mad 13 = 8 (41) (101001), 271 mod 41 = 138 2731 Mag ans=

03