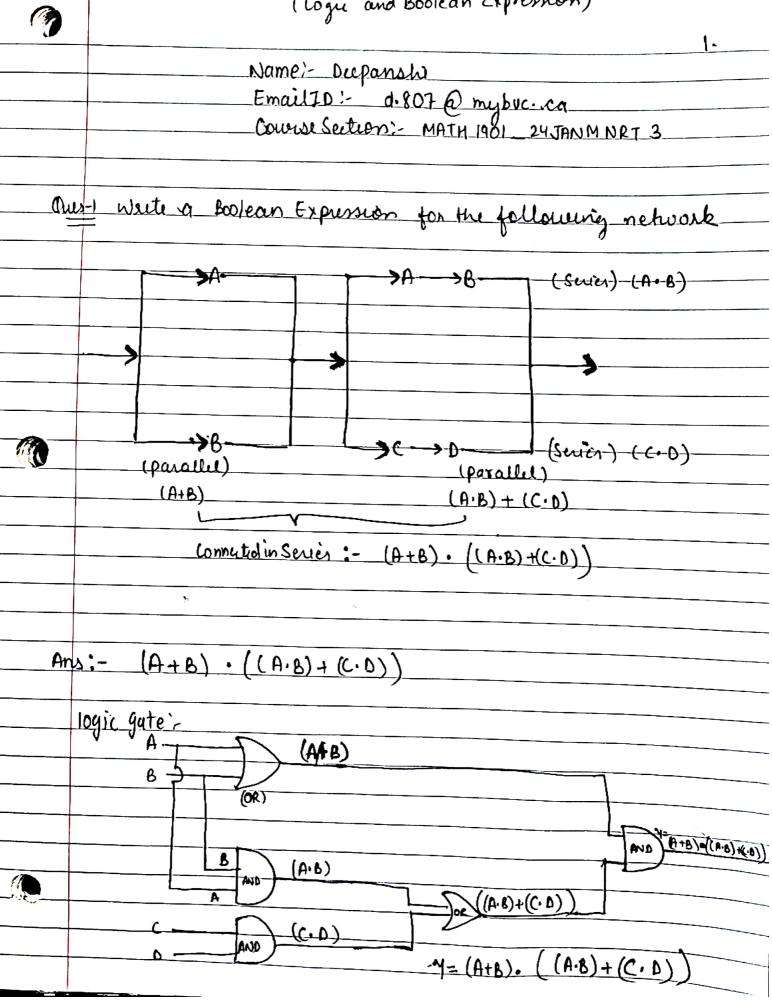
(Logie and Boolean Expression)



Tues 2! List all the proper Subsets of D= & Mercury, Venus, Mars 3 Proper subset (2ⁿ-1) Proper subsets of D is pg Mercury ?, I venus?, I Mars ?, \$

Mercury, Venus?, of Venus, Mars J. & Mercury, Mars J Anst p, Mercury J, Tvenus J, Mars J, Mercury, Venus J,

9 Venus, Mars J, Mercury, Mars J 1 Ques-3 Find the truth table for n(prq) vny uy PNQ n (bud) u(paq) V uy 1 F Query For U= 91,2,3,4,5,6,7,8) Az 14,5,6,74 B7 91,3,57 C2 11,87 Octamin BU(AMC



```
Acous! -
          B = U-B
            = 91,2,3,4,5,6,7,83 - 91,3,53
               72, 4,6,7,83
            B = 42,4,6,7,83°
          C = U-C
            = 41,2,3,4,5,6,7,8 9-41,83
            = 42,3,4,5,6,7
ntersection) (ANC) = 44,5,6,7) 1 4 2,3,4,5,6,7)
                   94,5,6,73
       BU (ANT) = 92,4,6,7,88 U94,5,6,7)
                        = 42,4,5,6,7,87
                   BU(ANZ) = {2,4,5,6,7,8}
   Q-5 Write the Boolean Expression for this logic gate Eg: In your Answer use not to odescribe the complement of a circuit.
        B
```

