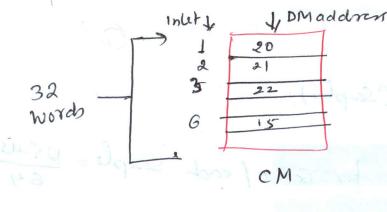
```
TUT2
  Total trinks = 64 (Sayples)
Ts = 125 Us
 -> time duration available for Tx. of each sample = 12545
                      = 1-95 45
   > Size of control memory = 32 words
                                      5 bit each
                          (32 inlet, addres regar 55ib)
-> clock rati = 2 x 32 x 8 kHz & Bridinalballic
= 64 x 8 = 5/2 kHz & Bridinalballic
           Otherwse = 32x8 KMZ
            Ts = 125 Ms 2 X C &
0.2
         each pulse = 125 ns
     Poidredonal trublic = 2 pulses = 2 x 125 ns
       Subscribers = \frac{125 \text{ Us}}{2 \times 125 \text{ ns}} = \frac{500}{125 \text{ Us}}
       1) Address lines = 200 32 = 5 51 L
        2) Data line = Always 86it (Sarphi converted to 86it)
        37 Dota nemery = (depends on Seq. Operation)
            = 0/p read operation is seq.
                           = 32 outlets will read 1541
   ( from DM, each DM will comy & bit suple
     Size = 32 location x 8 Lit

4) CM Size = 32x8 Lit

depend on Random Operation
                      = 32 intels from to be written in DM
        baned on address given by CM
                 = 32x5 bit
```



Data of 1 will be

with 20th Localen of

DM, 20th outlet will

Had. So 1 => 20 Cmnode

achived etc.

0.4. (a) Address line = log_2 (DM Localens) $= log_2^{32} = 5$

6 Data Gren = 8

© DM = 32 x 8 351

(d) cm 2 32 x5 bit

OviHah

J DMaddan

15

B

20

1

21

21

22

3

0.5 32×64 Switch

Seq with / Rondon Read

at 32 inlet within Seq. So Din will contain 32 Location, 86it each.

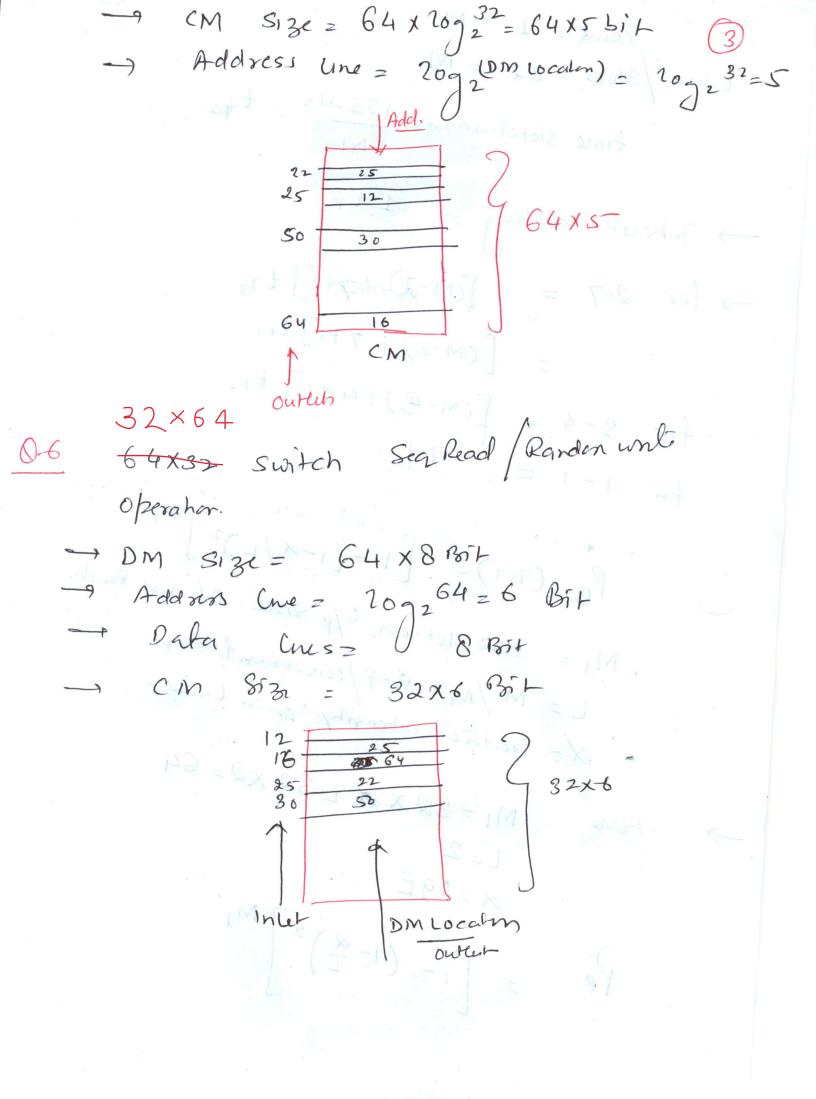
S DM size = 32x8 bit 2 Data cines = 8

Scm contains = 64 locaton fer/eachowhum

2 cm contains address of DM, DM

20 caron cortains address of DM, DM

Son 32 locaton 80 addressing then segure 55in



$$f_{W} = [(M-B)+4+1] t_{F}$$
 $f_{W} = [-1] = t_{F}$

MI = time slot on O/p Side. Of TSI Swich.

$$P_{B} = \left[1 - \left(1 - \frac{\alpha}{L}\right)^{2}\right]^{M_{1}}$$