```
20171137
 Q1) Area of rejervoir = 1km = (10 mt) = 100 hec 1/Sireesha
           Outflow = 20 he. m
            Evapor = 12cm, precipitation = 3cm.
           Calibrated pan factor = 0.7.
           Evapovation · (12 cm)
                     = (12x102x106m3) = (12 hqc.m)
            predipitation = 3 hec. m. ooor and mostle
              ( To tow Inflow) - ( Walt out + to w) = @ DI
               (10+3) - (20+ (12x0.7)+ separe (2+1)) = 0 As.
           DS =- Stem x lem 200 y 110 8 - wall mostle
105 plan ( == 100 x 100 hec. m x 200 8)
               = -Johecm!Price)
        12 10 1 + 3 - 30 - 8. 4 + 30 = 100
   1000 11 10 11 133 3 - 28.4 he.m. = 1011
                     100 = 4.6 he.m/
       Basin Area = 2000 mi = (2000 x 63360) inch = 1:0036224 x 1013 inch = Precipit = 25 inch/Liear.
921
        Precipit = 27 inchlyear.
         streom +600 = 650 CFS = 650 x 1328 x 24 x 3600 x 365
                                   1.0.036 x 163 inch Lyan
                              = $35293 inchlyea.
           e = Precip - streamflow
               = 21. 4707 inchlyear.
```

Area = 1750 Km

= 1750 x 10 m 3 (3)

precipitation = 1250 mm

= (1250 × 10-3 × 1750 × 106) m3

= 2.1875 × 109 m3

Total runoff: precipitation in the yr

Eair Accept 2018 25 81.62

124 1 26 9 3519

houself in Bills go - 17 ord out 4 months

NOTHER OF THE DELLA

Franklik ONE BY

AM COLA COUNTY TO SEE

(1 Ma) I had water would be st

w and agove (wall-mount) ex

DOUBTROUP RE

Area or represent the property

Rango variate or will make any

walnes by the surply