```
Department - CSE (Sec-A)
Name - Ayush Mondal
Inredlement no- 201120000 1017
Registration no- 200010170880
Subject: - Financial management
Date - 16/05) 22
Question ! -
Calculate the Degree of Operating Leverage (DOL), Degree of financial Leverage (DFL) and Degree of combined texerage
(Der) for the following firms and interpret the results.
Ans
     Firm K
        output (units) = 60,000
        Fixed Cost = 7000
        variable cost penunit? 0.020 0.20
                           Total variable cost
                               2 (60000 × 8.20)
                                    12000
Interest in borrowed funds = 4000
 selling price per unit z 0.60
 Total selling price = 60000 x 0.60
                               36000
         contribution > (Selling price - variable price)
                        2 (36000 - 12000)
                        2 (24000)
```

2 Contrabution - FC

2 (17000)

2 (29000 -7000)

```
Ayush Mondal (CSE See - A) 2011 20000 1017
      EBIT (profit) > 24000
DOL = contribution
                       2 (13000 - 4000) . = 13000 = EBE
PBT = profit - Interest
DPL = EBIT (profit)
                   2 17.090
                                  × 1-31
          PBT
DCL 2 contribution = 24000 = 1.8461 = 1.85
From L
       outputs (unite) = 15,000
      Fixed cogsts = 14,000
     Variable cost peneurit 2 1050
     Total variable cost = (15000 × 1.50)
                        2 22/500
     Invest on bornowed funds = 8000
     Selling price per unit a 5.00
     Total selling price = (15000 x 500)
     Contribution (selling prière - variable lost)
                 2 (00000 - 22500)
                 2 (52,500)
    Profit (EBIT) e (contribution - PC)
              2 (5000 - 22500)
    Profit (EBRT) 2 contribution - PC
                      2 (52500 - 14000)
                       2 38,500
  PBT/RBT 2 EBIT - Interest
                3 (38500 - 8000)
                   30,500
```

```
Agush Mondal (SE-300)
DOL 2 Contribution 2 52500 = 1.363
EBIT 38500
DFL = EBIT = 36500 = 1.262

DLF = Contribution = 52500 = 1.721

EBT = 30500 = 1.721
FIRMM
       output (unit) = 1,00,000
       Fixed Losts = 1500
       variable lost per unit = 0.02
      Total variable cost = (100000 ×0.02)
      Selling price per anit 2 0.10
       total selving price = (1,00,000, ×0.10)
   contribution : (selling price - variable cost)
                  2 (10000 - 2000)
                 2 $000
 Profit (EBIT) = contri bution - Fl
                   2 $000-1800
                    2 6800
 PBT/BBT 2 BBIT - Interest
               2 (6500-0)= 0500
DOL = Contribution = COPP = 12302
          EDIT 2 6500
EBT 6500 2 1
```

 $\frac{100L2}{EST} = \frac{coypo}{65py} = \frac{1.2307}{65py}$