EFE-ASSIGNMENT

cash outlay - RS 125000

Salvage Value - RS 5000

additional stacks - RS 3000

cost of captal-12%

CFBT_45000

1)

Estimated years - 3 years

ARR = Aveauge NPAT × 100

Avegage investment

CFBT = RS 45000

Less Depriction = 40000

less Tox(50%)- 2500

NPAT = 2500 .

1700000 - 13711

00143 - 10143 - 1961

00005 19914 UDBET - (4705) XOF 3591

ODEFT TOWN

15 SECRET 174 10

COOP - Holding b bbA

Depriction = cost of - salvage NPBT = 5000 100 plant plant asset value

Chara would Estimated life of asset

1100 CARLOS PERPOR 100 52 125000 - 5000

=RS40000 1 cash investment - salvage + salvage + additional stocks

104080001

= 1 [DE000-5000] +5000+3000

60000+5000+3000

€ 68000

Avegage investment=

68000

ARR = 2500 * 100 AS, ARR (367%) < K(8%) agent the Paoposal.

= 3.67% and quity with by

```
2)
      cash outley=175000
     Salvage Value = RS 5000
     additional stocks = RS 1500.
     Cost of captial = 10%
      NPBT = RG 35000.
      Estimated years = 3 years.
       NPV = SPVCI - SPVCO
         NIPBT = 35000 . Carport a spring to the
  Less Tax (50%) = 17500.
                                depriciation = cost of - salvage value
         NDAT = 17500.
  Add deposiciation = 70000
                                            Estimated life of
                          make the 1917 asset
         CFAT= 40833.34
                              75000 - 5000
  EPVCI = CFAT * AF+ SV+PVF(L)+
   AWC + PVF(L)
                                            = 23333.33RS
           12500 * 2.487 + 5000*0.751+
                   1500 * 0.751
           =15106434 ... - 1 SINVIN - MINT. WIE FIR
  EPVCO = additional stocks + intial investment
          = 1500+75000
          = RS76500.
   NPV = SPVCI - SPVCO
```

= 106434 - 76500 > RS 29934

As NPV > accept the proposal

```
3)
      Cash outley - RS 100000
       Salvage value - RS 10000.
       additional stadis - Rs 4000
       Cost of captial -9%
        CFAT = RS 30000 .
        Estimated life = 6 years
        Paedeteamine PBP = 4 years
       PBP = Intol investment
               estimated cash flow after taxes
                          a destruction of the second
                  100000
                  30000
        PBP = 3.344009S.
            PBP (3.34) < Paedetermined PBP (44000) acrept the propos
         Cosh outley -75000
4
         Salvage Value-RS 15000 . The sale of the sale of
         additional stocks - RS 2000
                               Example and modern and 11
         cost of captial - 8%.
          NPAT - RS 25000", Larres Lagrante 1
         estimated life-3 years
        PI = EPVCI
                EPVCO.
          NPAT = RS 25000
                                Depreciation = cost of asset-salvage
    Add depriciation = RS 20000
          CFAF = 45000
                                               estimated life of
                                                      assot
                                             · 75000 - 15000
   EPVCI = CFAT*AF+ Salvage value * PVF(L)+
                                                 3
               AWC* DVF(L)
                                              = RS 20000
         = 45000*2.577+15000*0-794. 2000*0-794
```

EPVCI = 129463

& PVCO = additional stacks + intial investment

= 75000 + 2000 per to hading the

- 77000 ·

 $PI = \frac{\text{EPVCI}}{\text{EPVCO}} = \frac{129463}{77000}$

PI = 1.68

THE VIEW SALE

THE SERVICE

As, PI>1 accept the proposal.

5) cost of asset = RS 75000.

salvage valle = RS13000.

additional stocks maintained = RS 2000

cost of captial - 9%

CFAT = R9 25008

estimated life = 3 years.

PBP = Intal investment

Estimated annual coish flow after taken

75000

25000.

PBP = 3yeags

If PBP (8 years) < Paredoteamined PBP, then accept the Paoposal, else argent the proposal

6) The two stres sequised to calculate Nev under IRR must give one postive Nev and one negative Nev.

Intial investment - RS70000.

Salvage value - RS 10000.

cost of captial - 10%.

7)

Neags	NPAT	Depreciation	CFAT	CCFAT
1	25000	20000	45000	45000
2	39000	20000	58000	103000
3	42000	20000 ·	62000	165000

depriciation = cost of osset - salvage value

estimated life of osset

= 70,0000 - 100000 = RS 20,000

PBP. 1 → 58000.

 $3e = 2.5000 \Rightarrow 0.43$.

PBP = 1.9340009.

If PBP (1.93) is < paedetermined PBP accept the proposal else effect the proposal.

Intal investment - RS110000.

solvage value - RS 20,000

cost of captial - 6%.

STOOD SOOOD 9000.

e 4000 50000 14000

departation = cost of asset - salvage value

Pepreciation = ASS 0000

ARR = average net profit after taxes

average investment

verage NPAT = 7000+9000+14000

overage RS10000.

aveage investment = 1 [intial investment - salvage value] + salvage + additional working captial

= \frac{1}{2} [1,70,000 - 20000] + 20,000 + 2000

RS 97000.

ARR = 10000 * 100 . => 10:31°/.

AS ARR (10.31%) > cost of captiol (6.16) accept the proposal

Intial investment - RS 110000.

9

salvage value as 10000.

cost of caption - 11%.

Yeaa PVCT PVF CFAT OEOFC 100.0 30000 32480 90000 0.812 3 50000 36550 164.0 4 60000 0.659 39540

5 70000 0.593 41510.

salvage - 10000 0.593 5930

AWC- 2500. 0.593 1982.5

EPVCI = 184522.5

EPVCO = "intial "investment + additional working capital"
= 1,10,000 + 2500
= 1,12500

PI = \le \text{PVCI} \\
\times \text{PVCO} = \frac{184533.5}{112500} = 1.64

AS, PI(1.64) >1 accept the proposal

IRR (internal acts of action) = 8 - [SEVCO-SEVCT] * D8.