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Given

Original investment = 100000

experienced scrap value = 6,400

expected life time = 3 yrs

1) Straight line method

formula to find, depriciation is

$$= \frac{\text{original cost} - \text{scrap value}}{\text{left in}}$$

31,200

	book	depre	amount
In 1st year	100000	31200	68 200
In 2nd year	68 800	31 200	3 7600
3rd 3	37600	3120 0	6400

ii) written down value method

$$= 1 - n\sqrt{\frac{s}{c}}$$

$$= 1 - \sqrt[3]{0.064}$$

Given

Original investment = 100000

experienced scrap value = 6,400

expected life time = 3yrs

i) Straight line method

formula to find depriciation in

$$= \frac{original\ cost\ -\ scrapvalue}{left\ time}$$

$$= \quad 31,200$$

	book	depre	amount
In 1st year	100000	31200	68200
In 2nd year	68 800	31200	37600
3rd	37600	31200	6400

ii) written down value method

$$= 1 - n\sqrt{\frac{s}{c}}$$

$$= 1 - \sqrt[3]{\frac{}{0.0\mathcal{N}}}$$

$$= 1 - 0.4$$

$$= 0.6 \times 100$$

$$= 60\%$$

$$= \frac{60}{100} \times 100000$$

$$= 60000$$

In 1st year   100 000   `60000`   40000

Fixed percentage in deprived from
the formula $= 60\%$.

iii) Appreciate depreciation method

Sum of year digits $= \frac{n(n+1)}{2}$

$$= \frac{3 \times 4}{2}$$

$$= 6$$

Depreciation $= \dfrac{\text{Original} - \text{scrap} \times \frac{\text{remai}}{\text{life}}}{\text{Sum of digits}}$

In 1st yrs   Depre $= \dfrac{100000 - 6400 \times 7}{6}$

$$= \frac{93600}{6}$$

$$= 31200$$

In 2nd yr, Depre $= \dfrac{1000000 - 6400}{6}$ r/

$= 15600$

In 3rd year $= 0$

Problem 2

Particulars	Mar	Apr	May	June
opening balance	25000	37005	52070	-97×30
Receipts				
Income	5000	—	—	—
Sales	24000F! Set 40'15 Jan 40'! ~~122000~~	26000+ 50000+ 48000	28000+ 48000+ 52000	27000+ 52000 56000
Share Dividend Machine	122000	10000	—	—
	●27000	187000	200070	135000
Payment				
Purchase	82000	78000	85000	90000
wages	1300	1400	1400	1500
other	2600	27500	2550	2600

Selling exp	25% of Jan+feb mar = 475	450+500 + 525 + 475 =1950	500 + 525 +475 + 500 =1750	525+ 475+feb+ 500 =2050
R&D expense	125% of Jan,feb 200+215 -205 =020	125% of Jan, feb, mar, Apr	12.5% of 200+215 +205+210 +220 =1050	1000 + 225 =1275
Dividend paid	—	—	60000	—
Merlin purchase	—	—	200000	—
Balance (A-B)	39005	52070	-97830	32225