## CHAPTER 2  <br> Costind - 2

## INTER-PROCESS PROFIT

- While transferring the output of one process to the next process, any one of the following methods is followed viz. (1) at cost or (2) at cost plus an agreed percentage of profit. If output of one process is transferred to another process at cost, the question of any profit in stock does not arise. If however, the output of one process is taken to another process at a price higher than cost, then the question of computing profit element in the value of closing stock arises.
- The closing stock of processes to which goods have been transferred at a profit will contain an element of profit charged by the transferring process. This will be considered as unrealized profit, because the goods have not so far been sold to outsiders and the profit has not been actually realized by the firm. In order to find out the true profit of the firm, such unrealized profit has to be computed and a reserve is created for unrealized profit.


## INTER-PROCESS PROFIT (CONT.)

- The following arguments are put forward in favour of transferring output of one process to another by adding profit.
$>$ It is possible to get an idea of the price which would be paid if the materials were purchased from the open market. This enables us to make comparison of the value of output of a particular process with the similar goods available in the market. If it suggests that our cost is high, we can think about the ways of reducing the cost.
$>$ Sometimes a percentage of profit is added while transferring goods from one process to another to cover the handling charges.
$>$ This method clearly brings out the economies effected or deficiencies of each process. Each process is made to stand by itself. If such profit were not added at the time of transfer, then the profit or loss made by the transferring process is not revealed in the Process account, and is known only in the final process account. This is particularly important in cases where there is a possibility that a process is performed more cheaply by outside firm. In that case, it is advantageous for the firm to get it done by the outside firm.


## INTER-PROCESS PROFIT (CONT.)

- However, the following are certain arguments advanced against such practice of charging profit.
$>$ Charging profit to another process means trading with oneself. If it is possible to do so, there is no need to market the goods. It is not necessary to charge profit on the output in order to know the efficiency. Even without this practice, it is possible to ascertain the efficiency of various processes.
$>$ This makes the accounting complicated because the closing stock of the process to which goods have been transferred at a price in excess of cost, will contain an element of unrealized profit. Similarly, the closing stocks of all subsequent processes and that of finished goods will also contain unrealized profit. Hence in order to find out the true profit of the whole business, an adjustment will be made and reserve for unrealized profit must be created, because the closing has to be shown at cost or market price whichever is less.


## IMPORTANT POINTS

- In those industries where production can be distinctly divided into various stages of production, the method of closing employed to ascertain cost of production for each stage of production is known as Process Costing.
- In order to ascertain cost per unit of each process, separate Process Account is prepared in respect of each process. Each Process Account is debited with the expenses incurred for that process e.g., material, labour, other direct expenses, proportionate overhead charges, etc.
- If normal wastage or loss is given, then each process account is credited with realizable value. If there is closing stock in the process, it will be written on credit side. Finally, the balance of the process account will be transferred to next process.
- At the end of the year for calculation of true profit, unrealized profit should be calculated and should be deducted from the total profit. For this purpose 'Reserve for Unrealized Profit' must be credited.


## THREE COLUMNAR METHOD

- The unrealized profit in stock can be easily computed by the three columnar method as follows:
> Three columns are kept on each side of Process Accounts and Finished Stock Account. The total amount is shown in the first column, cost is shown in the second column and the third column shows the amount of profit included in total.
$>$ The closing stock is shown on the debit side as a deduction from total cost, instead of showing it on the credit side.
$>$ The cost is shown by the following formula.
Closing stock $\times \frac{\text { Cost }}{\text { Total }}$
The difference between the total amount and the cost is the unrealized profit.

19 A certain product of Ratan Limited passes through two processes before it is transferred to finished stock. When the output of first process ' $I$ ' is transferred to second process 'II' when a profit of $25 \%$ on transfer price is added and when the output of second process II is transferred to finished stock account a profit of $25 \%$ on cost price is added. The following information is obtained for the month of March:

|  | Process I | Process II | Finished Stock |
| :--- | :---: | :---: | :---: |
|  | Rs. | Rs. | Rs. |
| Opening stock | 5,000 | 8,000 | 10,000 |
| Direct materials | 30,000 | 6,000 | - |
| Direct wages | 25,000 | 15,000 | - |
| Factory overheads | 7,000 | 5,500 | - |
| Closing stock | 10,000 | 10,500 | 13,500 |

Inter process
Profit for opening stock $\quad \mathbf{2 , 0 0 0} \mathbf{4 , 0 0 0}$
Sales of finished goods $\quad-\quad{ }_{x} \quad-\quad 1,10,000$ Prepare :
(1) Process accounts showing profit at each stage.
(2) Finished Stock Account.
(3) Statement showing actual realised profit.

- Solution:

Process I A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 5,000 | 5,000 | -- |  |  |  |  |
| To Direct Material | 30,000 | 30,000 | -- |  |  |  |  |
| To Direct Wages | 25,000 | 25,000 | -- |  |  |  |  |
|  | 60,000 | 60,000 | -- |  |  |  |  |
| Less: Clg. Stock | $(10,000)$ | $(10,000)$ | -- |  |  |  |  |
| Prime Cost | 50,000 | 50,000 | -- |  |  |  |  |
| To Factory O/h | 7,000 | 7,000 | -- |  |  |  |  |
| Total Cost | 57,000 | 57,000 | -- |  |  |  |  |
| Add: Profit (33.33\% on C. | P.)19,000 | -- | 19,000 | By Process II A/c | 76,000 | 57,000 | 19,000 |
|  | 76,000 | 57,000 | 19,000 |  | 76,000 | 57,000 | 19,000 |
| To Stock b/d | 10,000 | 10,000 | -- |  |  |  |  |

Process II A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 8,000 | 6,000 | 2,000 |  |  |  |  |
| To Process I A/c | 76,000 | 57,000 | 19,000 |  |  |  |  |
| To Direct Material | 6,000 | 6,000 | -- |  |  |  |  |
| To Direct Wages | 15,000 | 15,000 | -- |  |  |  |  |
|  | 1,05,000 | 84,000 | 21,000 |  |  |  |  |
| Less: Clg. Stock | $(10,500)$ | $(8,400)$ | $(2,100)$ |  |  |  |  |
| Prime Cost | 94,500 | 75,600 | 18,900 |  |  |  |  |
| To Factory O/h | 5,500 | 5,500 | -- |  |  |  |  |
| Total Cost | 1,00,000 | 81,100 | 18,900 |  |  |  |  |
| Add: Profit (25\% on C.P) | 25,000 | -- | 25,000 | By Finished Stock A/c | 1,25,000 | 81,100 | 43,900 |
|  | 1,25,000 | 81,100 | 43,900 |  | 1,25,000 | 81,100 | 43,900 |
| To Stock b/d | 10,500 | 8,400 | 2,100 |  |  |  |  |

Finished Stock A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 10,000 | 6,000 | 4,000 | By Gross Loss <br> By Sales A/c | $\begin{array}{r} 11,500 \\ 1,10,000 \end{array}$ | $78,390$ | $\begin{gathered} 11,500 \\ 31,610 \end{gathered}$ |
| To Process II A/c | 1,25,000 | 81,100 | 43,900 |  |  |  |  |
|  | 1,35,000 | 87,100 | 47,900 |  |  |  |  |
| Less: Closing Stock | $(13,500)$ | $(8,710)$ | $(4,790)$ |  |  |  |  |
| Total Cost | 1,21,500 | 78,390 | 43,110 |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 1,21,500 | 78,390 | 43,110 |  | 1,21,500 | 78,390 | 43,110 |
| To Stock b/d | 13,500 | 8,710 | 4,790 |  |  |  |  |

Calculation of Actual Profit

| Particulars | Apparent <br> Profit <br> $₹$ | Profit in <br> Opg. Stock <br> $₹$ | Profit in <br> Clg. Stock <br> (1) | Difference | Actual |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Profit |  |  |  |  |  |
| Process I | $(2)$ | $(3)$ | $(4)$ | $(5=3-4)$ | $₹$ <br> $(6=2+5)$ |
| Process II | 19,000 | -- | -- | -- | 19,000 |
| Finished Stock | 25,000 | 2,000 | 2,100 | $(100)$ | 24,900 |
| Total | $(11,500)$ | 4,000 | 4,790 | $(790)$ | $(12,290)$ |
|  | 32,500 | 6,000 | 6,890 | $(890)$ | 31,610 |

20 A Ltd. produces product $X$ which passes through two processes before it is completed and transferred to finished stock. The following data relate to April, 2013 :

| Particulars | Process-1 <br> Rs. | Process-2 <br> Rs. | FinishedStock <br> Rs. <br> Opening stock$r 7,500$ |
| :--- | ---: | ---: | ---: |
| Direct materials | 15,000 | 9,000 | 22,500 |
| Direct wages | 11,200 | 11,750 |  |
| Factory overheads | 10,500 | 4,500 | 11,250 |
| Closing stock | 3,700 | 4,500 |  |
| Inter process profit <br> included in opening <br> stock |  |  | 8,250 |

Output of process 1 is transferred to process 2 at $25 \%$ profit on the transfer price. Output of process 2 is transferred to finished stock at $20 \%$ profit on the transfer price. Stocks in process are valued at prime cost. Finished stock is valued at the price at which it is received from process 2. Sales during the period is Rs. $1,40,000$.
Prepare :
(1) Process Accounts (2) Finished Stock Account (3) Statement showing total profit and unrealised profit.

- Solution:

Process I A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 7,500 | 7,500 | -- |  |  |  |  |
| To Direct Material | 15,000 | 15,000 | -- |  |  |  |  |
| To Direct Wages | 11,200 | 11,200 | -- |  |  |  |  |
|  | 33,700 | 33,700 | -- |  |  |  |  |
| Less: Clg. Stock | $(3,700)$ | $(3,700)$ | -- |  |  |  |  |
| Prime Cost | 30,000 | 30,000 | -- |  |  |  |  |
| To Factory O/h | 10,500 | 10,500 | -- |  |  |  |  |
| Total Cost | 40,500 | 40,500 | -- |  |  |  |  |
| Add: Profit (33.33\% on C. | P.) 13,500 | -- | 13,500 | By Process II A/c | 54,000 | 40,500 | 13,500 |
|  | 54,000 | 40,500 | 13,500 |  | 54,000 | 40,500 | 13,500 |
| To Stock b/d | 3,700 | 3,700 | -- |  |  |  |  |

Process II A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 9,000 | 7,500 | 1,500 |  |  |  |  |
| To Process I A/c | 54,000 | 40,500 | 13,500 |  |  |  |  |
| To Direct Material | 15,750 | 15,750 | -- |  |  |  |  |
| To Direct Wages | 11,250 | 11,250 | -- |  |  |  |  |
|  | 90,000 | 75,000 | 15,000 |  |  |  |  |
| Less: Clg. Stock | $(4,500)$ | $(3,750)$ | (750) |  |  |  |  |
| Prime Cost | 85,500 | 71,250 | 14,250 |  |  |  |  |
| To Factory O/h | 4,500 | 4,500 | -- |  |  |  |  |
| Total Cost | 90,000 | 75,750 | 14,250 |  |  |  |  |
| Add: Profit (25\% on C.P.) | ) 22,500 | -- | 22,500 | By Finished Stock A/c | 1,12,500 | 75,750 | 36,750 |
|  | 1,12,500 | 75,750 | 36,750 |  | 1,12,500 | 75,750 | 36,750 |
| To Stock b/d | 4,500 | 3,750 | 750 |  |  |  |  |

Finished Stock A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 22,500 | 14,250 | 8,250 | By Sales A/c | 1,40,000 | 82,500 | 57,500 |
| To Process II A/c | 1,12,500 | 75,750 | 36,750 |  |  |  |  |
| Less: Closing Stock <br> Total Cost <br> To Gross Profit | 1,35,000 | 90,000 | 45,000 |  |  |  |  |
|  | $(11,250)$ | $(7,500)$ | $(3,750)$ |  |  |  |  |
|  | 1,23,750 | 82,500 | 41,250 |  |  |  |  |
|  | 16,250 | -- | 16,250 |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 1,40,000 | 82,500 | 57,500 |  | 1,40,000 | 82,500 | 57,500 |
| To Stock b/d | 11,250 | 7,500 | 3,750 |  |  |  |  |

Calculation of Actual Profit

| Particulars | Apparent <br> Profit <br> $₹$ | Profit in <br> Opg. Stock <br> $₹$ | Profit in <br> Clg. Stock <br> $₹$ | Difference | Actual |
| :--- | :---: | :---: | :---: | :---: | :---: |
| (1) | $(2)$ | $(3)$ | $(4)$ | Profit <br> $(5=3-4)$ |  |
| Process I | 13,500 | -- | -- | -- | 13,500 |
| Process II | 22,500 | 1,500 | 750 | 750 | 23,250 |
| Finished Stock | 16,250 | 8,250 | 3,750 | 4,500 | 20,750 |
| Total | 52,250 | 9,750 | 4,500 | 5,250 | 57,500 |

17 Product ' $A$ ' passes through three processes before it is transferred to finished stock ${ }^{*}$ :

| Particulars | Process-1 <br> Rs. | Process-2 <br> Rs. | Process-3 <br> Rs. | Stock <br> Rs. |
| :--- | ---: | ---: | :---: | :---: |
| Opening stock | 5,000 | 8,000 | 10,000 | 20,000 |
| Direct materials | 40,000 | 12,000 | 15,000 | - |
| Direct wages | 35,000 | 40,000 | 35,000 | - |
| Overheads <br> Closing stock | 20,000 | 24,000 | 20,000 | - |
| Profit \% on transfer <br> price to next process | 10,000 | 4,000 | 15,000 | 30,000 |
| Inter process profit for <br> opening stock | $25 \%$ | $20 \%$ | $10 \%$ | - |

Stocks in process are valued at prime cost and finished goods have been valued at a price at which it is received from Process-3. Sales Rs. 4,00,000. Prepare : (1) Process Cost Accounts.
(2) Actual realised profit.
(3) Stock valuation for Balance Sheet purpose.

- Solution:

Process 1 A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 5,000 | 5,000 | -- |  |  |  |  |
| To Direct Material | 40,000 | 40,000 | -- |  |  |  |  |
| To Direct Wages | 35,000 | 35,000 | -- |  |  |  |  |
|  | 80,000 | 80,000 | -- |  |  |  |  |
| Less: Clg. Stock | $(10,000)$ | $(10,000)$ | -- |  |  |  |  |
| Prime Cost | 70,000 | 70,000 | -- |  |  |  |  |
| To Factory O/h | 20,000 | 20,000 | -- |  |  |  |  |
| Total Cost | 90,000 | 90,000 | -- |  |  |  |  |
| Add: Profit (33.33\% on C. | P.)30,000 | -- | 30,000 | By Process II A/c | 1,20,000 | 90,000 | 30,000 |
|  | 1,20,000 | 90,000 | 30,000 |  | 1,20,000 | 90,000 | 30,000 |
| To Stock b/d | 10,000 | 10,000 | -- |  |  |  |  |

Process $2 \mathrm{~A} / \mathrm{c}$

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 8,000 | 6,605 | 1,395 |  |  |  |  |
| To Process 1 A/c | 1,20,000 | 90,000 | 30,000 |  |  |  |  |
| To Direct Material | 12,000 | 12,000 | -- |  |  |  |  |
| To Direct Wages | 40,000 | 40,000 | -- |  |  |  |  |
|  | 1,80,000 | 1,48,605 | 31,395 |  |  |  |  |
| Less: Clg. Stock | $(4,000)$ | $(3,302)$ | (698) |  |  |  |  |
| Prime Cost | 1,76,000 | 1,45,303 | 30,697 |  |  |  |  |
| To Factory O/h | 24,000 | 24,000 |  |  |  |  |  |
| Total Cost | 2,00,000 | 1,69,303 | 30,697 |  |  |  |  |
| Add: Profit (25\% on C.P) | 50,000 | -- | 50,000 | By Process 3 A/c | 2,50,000 | 1,69,303 | 80,697 |
|  | 2,50,000 | 1,69,303 | 80,697 |  | 2,50,000 | 1,69,303 | 80,697 |
| To Stock b/d | 4,000 | 3,302 | 698 |  |  |  |  |

## Process 3 A/c



Finished Stock A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock <br> To Process 3 A/c | 20,000 | 13,466 | 6,534 | By Sales A/c | 4,00,000 | 2,28,916 | 1,71,084 |
|  | 3,50,000 | 2,35,648 | 1,14,352 |  |  |  |  |
| Less: Closing Stock | 3,70,000 | 2,49,114 | 1,20,886 |  |  |  |  |
|  | $(30,000)$ | $(20,198)$ | $(9,802)$ |  |  |  |  |
| Total Cost | 3,40,000 | 2,28,916 | 1,11,084 |  |  |  |  |
| To Gross Profit | 60,000 | -- | 60,000 |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 4,00,000 | 2,28,916 | 1,71,084 |  | 4,00,000 | 2,28,916 | 1,71,084 |
| To Stock b/d | 30,000 | 20,198 | 9,802 |  |  |  |  |

Calculation of Actual Profit

| Particulars | Apparent <br> Profit <br> ₹ <br> (2) | Profit in Opg. Stock ₹ (3) | Profit in Clg. Stock ₹ <br> (4) | Difference $(5=3-4)$ | Actual <br> Profit $(6=2+5)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Process 1 | 30,000 | -- | -- | -- | 30,000 |
| Process 2 | 50,000 | 1,395 | 698 | 697 | 50,697 |
| Process 3 | 35,000 | 2,690 | 4,035 | $(1,345)$ | 33,655 |
| Finished Stock | 60,000 | 6,534 | 9,802 | $(3,268)$ | 56,732 |
| Total | 1,75,000 | 10,619 | 14,535 | $(3,916)$ | 1,71,084 |

(3) Stock Valuation for Balance Sheet Purpose:

Cost of Closing Stock
Particulars ..... ₹
Process 1 ..... 10,000
Process 2 ..... 3,302
Process 3 ..... 10,965
Finished Stock ..... 20,198

18 A certain product passes through three processes before it is transferred to finished stock. The output of process $A$ is transferred to process $B$ at a price calculated to give a profit of $25 \%$ on the transfer price and output of process $B$ and process $C$ transfered to stock at profit of $20 \%$ on the transfer price.

The following information is available on 31st March, 2012.

| Particulars | Process-A | Process-B | Process-C | Finished <br> Stock <br> Rs. |
| :--- | ---: | ---: | ---: | ---: |
| Opening Stock | 25,000 | 30,000 | 20,000 | 75,000 |
| Direct Materials | 50,000 | 52,500 | 75,000 | - |
| Direct Wages | 37,500 | 37,500 | 40,000 | - |
| Factory Expenses | 35,000 | 15,000 | $1,00,000$ | - |
| Closing Stock | 12,500 | 15,000 | 10,000 | 37,500 |
| Inter Profit for |  |  |  |  |
| Opening Stock | - | 5,000 | 5,000 | 27,500 |

Stock in process are valued at prime cost from which it is received from Process C during the year. Sales were Rs. $10,00,000$.

Prepare :
(1) Every Process and Finished Stock A/c.
(2) Statement of Actual realised Profit.

- Solution:

Process A A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 25,000 | 25,000 | -- |  |  |  |  |
| To Direct Material | 50,000 | 50,000 | -- |  |  |  |  |
| To Direct Wages | 37,500 | 37,500 | -- |  |  |  |  |
|  | 1,12,500 | 1,12,500 | -- |  |  |  |  |
| Less: Clg. Stock | $(12,500)$ | $(12,500)$ | -- |  |  |  |  |
| Prime Cost | 1,00,000 | 1,00,000 | -- |  |  |  |  |
| To Factory O/h | 35,000 | 35,000 | -- |  |  |  |  |
| Total Cost | 1,35,000 | 1,35,000 | -- |  |  |  |  |
| Add: Profit (33.33\% on C. | .) 45,000 | -- | 45,000 | By Process B A/c | 1,80,000 | 1,35,000 | 45,000 |
|  | 1,80,000 | 1,35,000 | 45,000 |  | 1,80,000 | 1,35,000 | 45,000 |
| To Stock b/d | 12,500 | 12,500 | -- |  |  |  |  |

## Process B A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 30,000 | 25,000 | 5,000 |  |  |  |  |
| To Process A A/c | 1,80,000 | 1,35,000 | 45,000 |  |  |  |  |
| To Direct Material | 52,500 | 52,500 | -- |  |  |  |  |
| To Direct Wages | 37,500 | 37,500 | -- |  |  |  |  |
|  | 3,00,000 | 2,50,000 | 50,000 |  |  |  |  |
| Less: Clg. Stock | $(15,000)$ | $(12,500)$ | $(2,500)$ |  |  |  |  |
| Prime Cost | 2,85,000 | 2,37,500 | 47,500 |  |  |  |  |
| To Factory O/h | 15,000 | 15,000 | -- |  |  |  |  |
| Total Cost | 3,00,000 | 2,52,500 | 47,500 |  |  |  |  |
| Add: Profit (25\% on C.P) | 75,000 | -- | 75,000 | By Process C A/c | 3,75,000 | 2,52,500 | 1,22,500 |
|  | 3,75,000 | 2,52,500 | 1,22,500 |  | 3,75,000 | 2,52,500 | 1,22,500 |
| To Stock b/d | 15,000 | 12,500 | 2,500 |  |  |  |  |

## Process C A/c



Finished Stock A/c

| Particulars | Total | Cost | Profit | Particulars | Total | Cost | Profit |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 75,000 | 47,500 | 27,500 | By Sales A/c | 10,00,000 | 4,98,750 | 5,01,250 |
| To Process C A/c | 7,50,000 | 4,75,000 | 2,75,000 |  |  |  |  |
|  | 8,25,000 | 5,22,500 | 3,02,500 |  |  |  |  |
| Less: Closing Stock | $(37,500)$ | $(23,750)$ | $(13,750)$ |  |  |  |  |
| Total Cost | 7,87,500 | 4,98,750 | 2,88,750 |  |  |  |  |
| To Gross Profit | 2,12,500 | -- | 2,12,500 |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | 10,00,000 | 4,98,750 | 5,01,250 |  | 10,00,000 | 4,98,750 | 5,01,250 |
| To Stock b/d | 37,500 | 23,750 | 13,750 |  |  |  |  |

Calculation of Actual Profit

| Particulars | Apparent Profit ₹ (2) | Profit in Opg. Stock ₹ (3) | Profit in Clg. Stock ₹ (4) | Difference $(5=3-4)$ | Actual <br> Profit $(6=2+5)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Process A | 45,000 | -- | -- | -- | 45,000 |
| Process B | 75,000 | 5,000 | 2,500 | 2,500 | 77,500 |
| Process C | 1,50,000 | 5,000 | 2,500 | 2,500 | 1,52,500 |
| Finished Stock | 2,12,500 | 27,500 | 13,750 | 13,750 | 2,26,250 |
| Total | 4,82,500 | 37,500 | 18,750 | 18,750 | 5,01,250 |

