## 1. Details of Module and its structure

| Module Detail | Accountancy |
| :--- | :--- |
| Subject Name | Accountancy 03 (Class XII, Semester - 1) |
| Course Name | Distribution of Profits among Partners - Part 3 |
| Module Name/Title | leac_10203 |
| Module Id | Knowledge about preparation of Profit and loss A/c , <br> Accounting treatment in the absence of the Partnership <br> Deed |
| Pre-requisites | After going through this lesson, the learners will be able <br> to understand the following: <br> - <br> Method of preparing Profit and Loss <br> Appropriation Account <br> Calculation of various Appropriation like, Interest |
| Objectives | on Capital, Salary to partners, Commission to <br> partners etc. and Interest on Drawings. <br> Treatment of exceptional items like, Interest on <br> Partner's Loan and Rent to a Partner. |
| Keywords | Profit and Loss Appropriation A/c, Interest on Capital, <br> Interest on Drawings |

## 2. Development Team

| Role | Name | Affiliation |
| :--- | :--- | :--- |
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## 1. Distribution of Profits or Losses among Partners

In case of sole partnership, net profit or net loss ascertained by the Profit and Loss Account is transferred to capital account of the proprietor. In case of a Partnership firm, profits or losses are distributed among partners in the agreed ratio. However, certain adjustments such as Interest on capital, Salary to partners, Commission to partners and Interest on drawings etc. are required to be made before distribution of profits.

## 2. Profit and Loss Appropriation Account

Profit and Loss Appropriation Account is merely an extension of the Profit and Loss Account of the firm. It shows how profits are distributed among the partners after making appropriations. Itis credited with net profit or debited with net loss as Profit and Loss Account. All adjustments in respect of partner's salary, partner's commission, interest on capital, interest on drawings, etc. are made and then final profit/loss is distributed among partners.

### 2.1 Journal Entries relating to the Profit and Loss Appropriation Account

1. Transfer of the balance of Profit and

Loss Account to Profit and Loss Appropriation Account
(a) If Profit and Loss Account shows a credit balance (Net Profit):

Profit and Loss A/c
Dr.
To Profit and Loss Appropriation A/c (Being net profit transferred to P \& L App. A/c)
(b) If Profit and Loss Account shows a debit balance (Net Loss):

Profit and Loss Appropriation A/c Dr.
To Profit and Loss, A/c
(Being net loss transferred to P \& L App. A/c)

| 2. Interest on Capital | (a) For allowing interest on capital to partners' capital account: <br> Interest on Capital $\mathrm{A} / \mathrm{c}$ <br> Dr. <br> To Partner's Capital/Current A/c <br> (b) For transferring interest on capital to Profit and Loss Appropriation Account: <br> Profit and Loss Appropriation A/c Dr. To Interest on Capital A/c |
| :---: | :---: |
| 3.Interest on Drawings | (a) For charging interest on drawings: <br> Partner's Capital/Current A/c <br> To Interest on Drawings A/c <br> (b) For transferring interest on drawings to Profit and Loss Appropriation Account: <br> Interest on Drawings A/c Dr. To Profit and Loss Appropriation A/c |
| 4.Partners' Salaries/ Commission | (a) For crediting partner's salary or commission to partner's capital account: <br> Partners' Salaries/ Commission A/c Dr. To Partner's Capital/Current A/c's <br> (b) For transferring partner's salary to Profit and Loss Appropriation <br> Profit and Loss Appropriation A/c Dr. To Partners' Salaries/Commission A/c |
| 5.Transfer to General Reserve | Profit and loss Appropriation A/c Dr. To General Reserve A/c |
| 6. Share of Profit or Loss after Appropriations | To distribute Profits among partners: <br> Profit and Loss Appropriation A/c Dr. <br> To Partner's Capital/Current A/c (individually) <br> To distribute Losses among partners: <br> Partner's Capital/Current A/c's (individually) Dr. To Profit and Loss Appropriation A/c |

### 2.2 The Performa of Profit and Loss Appropriation Account:

Profit and Loss Appropriation Account for the year ending $31^{\text {st }}$ March ......
Dr.

| Particulars | Amount ₹ | Particulars | Amount ₹ |
| :---: | :---: | :---: | :---: |
| To Interest on Capital: |  | By Profit and Loss, A/c |  |
| A xxx |  | (Net Profit) | xxx |
| B $\underline{x x x}$ | xxx |  |  |
| To Partners' Salary | xxxx | By Interest on Drawings: |  |
| To Partners' Commission | xx | A $\quad \mathrm{xxx}$ |  |
| To General Reserve | xxx | B $\underline{x x x}$ | xxx |
| To Profit transferred to: |  |  |  |
| *A's Capital A/or |  |  |  |
| **A's Current A/c xxx | xxx |  | xxx |

### 2.3 Difference between Profit and Loss Account and Profit and Loss Appropriation

|  | Profit and Loss Account | Profit and Loss Appropriation Account |
| :--- | :--- | :--- |
| 1. | It is prepared after Trading Account. | It is prepared after Profit and Loss Account. |
| 2 | It shows the profit earned or loss incurred. | It shows appropriation of net profit. |
| 3. | This account has neither opening nor closing <br> balance. | This account may have both opening and <br> Closing balance. |
| 4. | Items debited to this account are all expenses <br> (charge against profit). | Items debited to this account are appropriations <br> of profit. |
| 5. | Preparation of this account is not based on the <br> partnership agreement, except for interest on <br> loan from partners. | Preparation of this account is based on <br> Partnership agreement. |
| 6. | While preparing this account, matching principle <br> is followed. | While preparing this account, matching principle <br> is not followed. |

## 3. Interest on Partners' Drawings

Partnership agreement may also provide for charging interest on drawings. As stated earlier,
Interest on Drawings is not charged if there is no express agreement regarding it. However, if
partnership deed provides, then interest is charged at an agreed rate, for the period money remained outstanding from the partners during an accounting year. Charging interest on drawings discourages excessive amounts of drawings by the partners.

Depending upon the availability of information, interest on drawings in different cases is calculated as follows:

## 3.a. When a Fixed Amount is Withdrawn at Regular Intervals -

When a fixed amount is with withdrawn for a fixed period of time, then Simple Interest Method is used

Under this method, interest on drawing is computed using the following formula:
Interest on Drawings $=$ Total Amount of Drawn $\times \underline{\text { Rate of Interest } \times} \times \frac{\text { Average Period in months) }}{100}$

Note:

```
Simple Interest Method is used only if both the following conditions are satisfied:
1. Same Amount is withdrawn throughout the given period;
2. Drawings are made at regular interval.
```


## 3.a.1. When amount is withdrawn in the BEGINNING of each MONTH:

## Interest on Drawings $=\underline{\text { Total Amount Withdrawn } \mathbf{x} \text { Rate of Interest } \mathbf{x} \text { Average Period }}$ 100 12

Average Period $=$ Months left after First Drawing + Months left after Last Drawing 2

$$
=\frac{12 \text { months }+1 \text { month }}{2}=6.5 \text { months }
$$

Interest on Drawings $=\underline{\text { Total Amount Withdrawn } x \text { Rate of Interest } x} \frac{6.5}{100}$

## 3.a.2. When the amount is withdrawn at the MIDDLE of each MONTH: <br> Interest on Drawings $=$ Total Amount Withdrawn x Rate of Interest x $\underline{6}$ <br> $100 \quad 12$

Average Period $=\underline{\text { Months left after First Drawings }+ \text { Months left after Last Drawings }}$

$$
=\frac{11.5 \text { months }+0.5 \text { month }}{2}=6 \text { months }
$$

## 3.a.3. When the amount is withdrawn at the END of each MONTH:

Interest on Drawings= Total Amount Withdrawn $\times$ Rate of Interest $\times \underline{5.5}$
100
12
Average Period $=\underline{\text { Months left after First Drawings }+ \text { Months left after Last Drawings }}$
2

$$
=\frac{11 \text { months }+0 \text { month }}{2}=5.5 \text { months }
$$

## 3.a.4. Average period under the various conditions will be as follows:

| Conditions | Monthly <br> Drawings for <br> 12 Months | Quarterly <br> Drawings for <br> 12 Months | Half yearly Drawings for 12 Months | Monthly <br> Drawings for the last 6 <br> Months |
| :---: | :---: | :---: | :---: | :---: |
| When Drawings are made at the BEGINNING of each period | 6.5 months | 7.5 months | 9 months | 3.5 months |
| When Drawings are made at the MIDDLE of each period | 6 months | 6 months | 6 months | 3 months |
| When Drawings are made at the END of each period | 5.5 months | 4.5 months | 3 months | 2.5 months |

## Formulate Compute Average Period:

Average Period $=$ Months left after First Drawings + Months left after Last Drawings
2

## Example 1

A partner withdrew ₹ 2,000 per month. Under the partnership deed, interest is to be charged @ $15 \%$ p.a. Calculate the interest that should be charged to the partner if the drawings are made
i) In the beginning of the month;
ii) In the middle of the month; or
iii) At the end of the month.

## Solution:

Total Amount Drawn =2,000x12=₹ 24,000
i) When drawings are made in the BEGINNING of the MONTH

Interest on Drawings $=\frac{\text { Total Amount Withdrawn } \mathbf{x R a t e} \text { of Interest } \mathbf{x}}{100} \frac{\text { Average Period }}{12}$
$=24,000 \times \underline{15} \times \frac{6.5}{12}$ or ₹ 1,950
ii) When drawings are made in the MIDDLE of the MONTH

Interest on Drawings $=\frac{\text { Total Amount Withdrawn } \mathbf{x} \text { Rate of Interest } \mathbf{x}}{100} \frac{\text { Average Period }}{12}$
$=24,000 \times \underline{100} \times \underline{12}$ or $₹ 1,800$
iii) When drawings are made in the END of the MONTH

Interest on Drawings= Total Amount Withdrawn $\mathbf{x}$ Rate of Interest $\mathbf{x} \frac{\text { Average Period }}{120}$
$=24,000 \times \frac{15}{100} \times \frac{5.5}{12}$ or $₹ 1,650$

## Example 2

Calculate interest on drawing of Vimal if he withdrew ₹ 48000 in year withdrawn evenly (i) at beginning of each Quarter (ii) in the middle of Quarter (iii) at end of each Quarter. Rate of interest is $10 \%$ p.a.

## Solution:

i) Drawing made on BEGINNING of each QUARTER

Interest on Drawings $=\frac{\text { Total Amount Withdrawn } \mathbf{x R a t e} \text { of Interest } \mathbf{x}}{100} \frac{\text { Average Period }}{12}$

$$
\text { Interest on Drawing }=48,000 \times \underline{10} \times \underline{7.5} \text { or } ₹ 3,000
$$

ii) Drawing made in MIDDLE of each QUARTER

$$
\text { Interest on Drawing }=48,000 \times \frac{10}{100} \times \frac{6}{12} \text { or } ₹ 2,400
$$

iii) Drawings made at END of each QUARTER
Interest on Drawing $=48,000 \mathrm{x}$
$\underline{10}$ $\qquad$ 4.5 or ₹ 1,800

## 3.b. When Unequal Amounts are Withdrawn at Irregular Intervals

Sometimes, partners may withdraw different amounts or and at different intervals of time. In that case 'Interest on Drawings 'is computed by any one of the following methods:
i. Simple Method ( $\mathbf{P} \times \mathbf{R} \times \mathbf{T}$ ) -In this method, interest on drawings is calculated for each amount of drawing individually on the basis of periods for which it remained withdrawn.
ii. Product Method- Under this method each amount of drawings is multiplied by its duration. Then all the products are added up and the interest is calculated on the total of products for one month.
Interest on Drawings $=$ Total of Products $\times \frac{\text { Rate of Interest } \times \frac{1}{12}}{100}$

Let's understand the Simple Method and the Product method with the help of an example.

## Example 3

M and O are partners in a firm with a profit sharing ratio of 7:5. During the year ended 31st December, 2019. 'M' makes following drawings:

| Date | $1^{\text {st }}$ Feb | $1^{\text {st }}$ May | $30^{\text {th }}$ June | $31^{\text {st }}$ Oct | $31^{\text {st }}$ Dec |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Amount (₹) | 14,000 | 10,000 | 5,000 | 12,000 | 4,000 |

Partnership deed provides that the partners are to be charged interest on drawings @ $10 \%$ p.a.
Calculate the interest chargeable to ' M '.

## Solution:

i) Simple Method: $(\mathbf{P} \times \mathbf{R} \times T)$

Interest on Drawings $=\frac{\text { Amount Withdrawn } \mathbf{x} \text { Rate of Interest } \mathbf{x}}{100} \frac{\text { Time Period }}{12}$

| Date | Amount <br> $(\mathbf{₹})$ | No. of Months <br> up to 31 ${ }^{\text {st }}$ March | nterest @ 10\%p.a <br> $(\mathbf{₹})$ |
| :---: | :---: | :---: | :---: |
| $1^{\text {st } \mathrm{Feb}}$ | 14,000 | 11 | $1,283.33^{*}$ |
| 1 st May | 10,000 | 8 | 666.67 |
| $30^{\text {th }}$ June | 5,000 | 6 | 250 |


| $31^{\text {st }}$ Oct | 12,000 | 2 | 200 |
| :---: | :---: | :---: | :---: |
| $31^{\text {st }}$ Dec | 4,000 | 0 | 0 |
|  |  |  | $\underline{2,400}$ |

* Interest on Drawings $=14,000 \times \underline{10} \times \underline{11}=₹ \mathbf{1 2 8 3 . 3 3}$

10012
ii) Product Method

| A <br> Date of <br> Drawing | $\mathbf{B}$ <br> Amount Drawn <br> $₹$ | $\mathbf{C}$ <br> No. of Months up to <br> 31 $^{\text {st December }}$ <br> (End of the year) | D = B x C <br> Product <br> $₹$ |
| :---: | :---: | :---: | :---: |
| $1^{\text {st } \mathrm{Feb}}$ | 14,000 | 11 | $1,54,000$ |
| 1 st May | 10,000 | 8 | 80,000 |
| $30^{\text {th }}$ June | 5,000 | 6 | 30,000 |
| $31^{\text {st }}$ Oct | 12,000 | 2 | 24,000 |
| $31^{\text {st }}$ Dec | 4,000 | 0 | 0 |
|  | 45,000 |  | $\underline{2,88,000}$ |

Under this method, interest will be computed on ₹ $2,88,000 @ 10 \%$ p.a. for one month.

$$
\text { Interest on Drawings }=\text { Total of Products } \times \frac{\times \text { Rate of Interest } x}{12} \quad 1
$$

$$
=45,000 \times \frac{10}{100} \times \frac{1}{12}
$$

$$
=₹ 2,400
$$

3.c. If the date of withdrawal is not given, then the interest on total drawings for the year is calculated for six months on the average basis.
3.d. When the rate of interest is given without the word 'per annum'(p.a.), interest is charged on drawings without considering the time period.

## 4. Interest on Partners 'Capital

Interest on partners' capitalist allowed to compensate a partner for contributing capital to the firm.

The Provision relating to interest on capital are given below:


## Example 4

$X$ and $Y$ invested $₹ 20,000 \& ₹ 10,000$. Interest on capital is allowed @ $6 \%$ per annum. Profits are shared in the ratio of 2:3. Profits for year ending31st March, 2020 is ₹ 1,500 .

Show allocation of profits in the following cases:
(a) If partnership deed is silent about the treatment of interest on capital as charge.
(b) If interest on capital is a charge against profit as per the partnership deed.

## Solution:

(a) When partnership deed is silent on treating interest as a charge.

> Profit \& Loss Appropriation Account
> for the year ending 31 ${ }^{\text {St }}$ March 2020

Dr.

## Cr.

| Particulars | $₹$ | Particulars | $₹$ |
| :---: | :---: | :---: | :---: |
| To Interest on Capital |  | By Profit \& Loss A/c <br> (Net Profits) | 1,500 |
| X | 1,000 |  |  |
| Y | $\underline{500}$ | 1,500 |  |

## Working Notes:

$$
\begin{aligned}
& \text { Interest on X's Capital }=₹ 20,000 \times \underline{6}=₹ 1,200 \\
& 100 \\
& \text { Interest on Y's Capital }=₹ 10,000 \times \underline{6}=₹ 600 \\
& 100
\end{aligned}
$$

Total Interest on Capital is ₹ 1800 whereas available Net Profit is only ₹ 1,500 . So, we need to reduce interest on capital to the extent of available profits.

Ratio of Interest on Capital $=1200: 600$ or 2:1

Reduced/Adjusted Interest on X's Capital $=1,500 \times \frac{2}{3}=₹ 1,000$
Reduced/Adjusted Interest on Y's Capital to Y=1,500 $\frac{1}{3}=₹ 500$
(b) When Interest is on capital is treated as a charge against profit - In this case full interest will be given and resultant loss (if any) is transferred to Partners Capital Accounts.

In this case, Profit \& Loss Account is prepared instead of Profit \& Loss Appropriation A/c

## Profit \& Loss Account <br> for the year ending on 31 ${ }^{\text {st }}$ March, 2020

\begin{tabular}{|c|c|c|c|}
\hline Dr. \& \& \multicolumn{2}{|r|}{Cr.} \\
\hline Particulars \& \(₹\) \& Particulars \& ₹ \\
\hline \begin{tabular}{lr}
\hline To Interest on Capital: \\
X \& 1,200 \\
Y \& \(\underline{600}\)
\end{tabular} \& 1,800 \& By Profit \& Loss A/c
(Net Profit)
By Partners' Capital A/c (Loss):
X \(\quad 120\)
Y \& 1,500

300 <br>
\hline \& 1,800 \& \& 1,800 <br>
\hline
\end{tabular}

## Note: Interest on Capital is always calculated on the OPENING CAPITAL.

If Opening Capital is not given in the question, it should be ascertained as follows:

| Particulars | ₹ |
| :--- | :--- |
| Capital at the End | $\mathbf{X x x}$ |
| Add: 1. Drawings | $\mathbf{x x x}$ |
| 2. Interest on Drawings | $\mathbf{x x x}$ |
| 3. Share in Loss debited during the year* | $\mathbf{x x x}$ |
|  |  |
| Less: 1. Additional Capital Introduced | $\mathbf{x x x}$ |
| 2. Share in Profit credited during the year* | $\mathbf{x x x}$ |
| Capital in the beginning of the year | $\mathbf{x x x}$ |

## - Either Loss or Profit will appear at a time.

## Example 5

Radha and Bimla are partners in business. Their capitals at the end of the year were ₹ 48,000 \& ₹ 36,000 respectively. During the year ended $31^{\text {st }}$ March, 2020their drawings were ₹ 8,000 \& ₹ 12,000 respectively. Profits before charging interest on capital during the year were ₹ 32,000 . Calculate Interest on partners' capitals @ $10 \%$ p.a.

## Solution:

Statement showing Calculation of Capital in the Beginning

| Particulars | Radha |  |
| :--- | :---: | :---: |
| $₹$ | Bimla <br> $₹$ |  |
| Capitals at the end | 48,000 | 36,000 |
| Add: Drawings already debited | 8,000 | 12,000 |
| Less : Profits already credited | 16,000 | 16,000 |
| Capitals in the beginning | 40,000 | 32,000 |

## Example 6

Rajiv and Ashu are partners in a firm. Their capitals as on $1^{\text {st }}$ April, 2019 were $₹ 60,000$ and $₹ 40,000$.On $30^{\text {th }}$ September, 2019, Rajiv introduced an additional capital of ₹ 10,000 . The rate of interest on capital is $6 \%$ p.a. The accounting year closes on $31^{\text {st }}$ March. Calculate the amount of interest on capital.

## Rajiv-

i) On 60,000 for full year $=60,000 \times \underline{6}=$ 100
ii) On 10,000 for 6 months $=10,000 \times \underline{6} \times \underline{6}=$ 10012 300

Total Interest on Rajiv's Capital
3,900
Ashu-
On 40,000 for full year $=\begin{gathered}\text { 40,000 } \times \underline{6} \\ 100\end{gathered} \quad \underline{2,400}$

## 5. Salary or Commission to partners

Salary or Commission to partners is allowed if the Partnership Deed has provision for these. Just like Interest on Capital, Salary \&commission to a partner can also be a charge or an appropriation.

Commission may be allowed to the partner either:
i) As a percentage of net profit before charging commission; or
ii) As a percentage of net profit after charging commission.

Formula to compute commission under the above situations:
i) As a percentage of net profit Before Charging Such Commission:

| Net profit before commission $\mathrm{x} \frac{\text { Rate of commission }}{100}$ |
| :---: |

ii) As a percentage of net profit After Charging Such Commission:

> Net profit before charging commission x Rate of commission $$
100+\text { Rate of Commission }
$$

## Example 7

Rahul and Vijay are partners in a firm. Rahul is to get a commission of $10 \%$ of net profit before charging any commission. Vijay is to get a commission of $10 \%$ on net profit after charging all commissions. Net profit for the year ended $31^{\text {st }}$ March, 2020, before charging any commission was
₹ 55,000 . Prepare relevant account/statement to show the above appropriations.

> Profit and Loss Appropriation Account for the year ending on 31st March, 2020

Dr.
Cr.

| Particulars | $₹$ | Particulars | $₹$ |
| :---: | :---: | :---: | :---: |
| To Commission to Rahul | 5,500 | By Profit and Loss, A/c | 55,000 |
| To Commission to Vijay | 4,500 | (Net Profit) |  |
| To Partner's Capital A/c (Profit): |  |  |  |
| Manoj | $\underline{22,500}$ |  |  |
| Santosh | $\underline{22,500}$ | 45,000 |  |

## Working Notes:

Rahul's Commission $=(55,000) \times \frac{10}{100} \quad=₹ 5,500$
Vijay's Commission $=(55,000-5,500)=49,500 \times \frac{10}{110} \quad=₹ 4,500$

## 6. Interest on Partner's Loan and Rent paid to a Partner

It is a charge against profits. It is provided irrespective of profits or loss. In the absence of a Partnership Debit is allowed @ 6\% per annum.

Following entries are passed to record Interest on Partner's Loan:
i) For allowing Interest on loan:

Interest on Partner's Loan A/c Dr.
To Partner's Loan A/c
(Being interest on loan allowed @ \% p.a.)
ii) For transferring Interest on Loan to Profit and Loss A/c:

Profit and Loss A/c Dr.
To Interest on Partner's Loan A/c
(Being interest on loan transferred to P\&L A/c)

## Note:

Interest on Partner's Loan is always debited to Profit and Loss A/c.
Rent paid to a partner is also a charge against profits and it will also be debited to Profit and Loss A/c

## Example 8

Manoj and Santosh are into partnership on 1st April, 2019 without any partnership deed. They introduced capitals of $₹ 5,00,000$ and $₹ 3,00,000$ respectively. On $31^{\text {st }}$ October, 2019, Manoj advanced ₹ $2,00,000$ by way of loan to the firm without agreement as to interest. The Profit and Loss Account for the year ended 31 ${ }^{\text {st }}$ March, 2020 showed a profit of ₹ $4,30,000$ but the partners could not agree upon the amount of interest on Loan tobe charged and the basis of division of profits. Pass a Journal Entry for the distribution of the Profits between the partners.

## Solution:

## JOURNAL

| Date | Particulars | L.F | Amt. (in ₹) | Amt. (in ₹) |
| :---: | :---: | :---: | :---: | :---: |
| $31^{\text {st }}$ March | Profit and Loss Appropriation A/C | Dr. |  | $4,25,000$ |
|  |  |  |  |  |


| 2020 | To Manoj's Capital A/c |  |  | $2,12,500$ |
| :---: | :---: | :--- | :--- | :--- |
|  | To Santosh's Capital A/c |  | $2,12,500$ |  |
|  | (Being profit distributed among the partners) |  |  |  |

## Working Notes:

## Profit and Loss Appropriation Account

For the year ending on 31st March, 2020
Dr.
Cr.

| Particulars | Amt.(in ₹) | Particulars | Amt.(in ₹) |
| :---: | :---: | :---: | :---: |
| To Partners Capital A/c (Profit): Manoj2,12,500 $\text { Santosh } 2,12,500$ | 4,25,000 | By Profit and Loss, A/c <br> ( ₹ 4,30,000- Interest on Manoj's Loan ₹ 5,000 ) | 4,25,000 |

Note: Interest on Manoj's Loan $=2,00,000 \times \underline{6} \times \underline{5}=₹ 5,000$ 10012

## Example 9

Meena and Tina are partners sharing profits and losses in the ratio of 3:1. On $1^{\text {st }}$ April, 2019 their capitals were: Meena ₹ 50,000 and Tina ₹ 30,000 . During the year ended $31^{\text {st }}$ March, 2020, they earned a net profit of $₹ 74,000$. The terms of partnership are:
i) Interest on capital is to be allowed@ 6\% p.a.
ii) Meena will get a commission @ $2 \%$ on Turnover.
iii) Tina will gets salary of ₹ 500 per month.
iv) Tina will get commission of $5 \%$ on profits after charging interest on Capital, salaryand commission to partners (including his own commission).
v) B is entitled to rent of ₹ 2,000 per month for the use of his premises by the firm. It is paid to him by chequeat the end of every month.

Partners' drawings for the year were:Meena- ₹ 8,000 and Tina- ₹ 6,000 . Turnover for the year was $₹ 3,00,000$. After considering the above factors, you are required to prepare Profit and Loss Appropriation Account.

## Profit and Loss Appropriation Account <br> For the year ending 31 ${ }^{\text {st}}$ March, 2020

Dr.
Cr.

| Particulars | Amt. (in ₹) | Particulars | Amt. (in ₹) |
| :---: | :---: | :---: | :---: |
| To Interest on Capital: |  | By Profit and Loss, A/c |  |
| Meena 3,000 |  | (Net Profit ₹ 74,000- |  |
| Tina $\quad \underline{1,800}$ | 4,800 | Rent ₹ 24,000 ) | 50,000 |
| To Tina's Salary | 6,000 |  |  |
| To Commission A/cs: |  |  |  |
| Meena 6,000 |  |  |  |
| Tina $\quad 1,581$ | 7,581 |  |  |
| To Profit transferred to: |  |  |  |
| Meena's Capital A/c 23,714 |  |  |  |
| Tina's Capital A/c | 31,619 |  |  |
|  | 50,000 |  | 50,000 |

## Working Note:

## Commission to $\mathbf{T i n a}=$

(Net Profit - Int. on Capital - Salary to Tina - Commission to Meena) X Rate of Commission to Tina (100 + Rate of Commission to Tina)
Commission to Tina $=(50,000-4,800-6,000-6,000) \times \frac{5}{100+5}$

$$
\begin{aligned}
& =\frac{33,200 \times 5}{105} \\
& =₹ 1,581 \text { (approx.) }
\end{aligned}
$$

