## 12th Standard-Accountancy

TENTATIVE ANSWER KEY

| S.No | Answer Key | Mark |
| :---: | :---: | :---: |
|  | PART - I | $\mathbf{2 0 \times 1 = 2 0}$ |
| 1. | c) Capital A/c | 1 |
| 2. | b) liabilities | 1 |
| 3. | c)total debtors Accounts | 1 |
| 4. | b)Rs.1,00,000 | 1 |
| 5. | c)(1)- (iv) 2-(iii) 3(i) 4((ii) | 1 |
| 6. | b) Decrease every year | 1 |
| 7. | c) 3000 | 1 |
| 8. | a)Times | 1 |
| 9. | b) Rs.Rs.4,00,000 | 1 |
| 10. | b)cash payments | 1 |
| 11. | a) 1,25,00,000 | 1 |
| 12. | b)Average period method | 1 |
| 13. | c) Two | 1 |
| 14. | b)intangible | 1 |
| 15. | a) Goodwill Accounts | 1 |
| 16. | b)Gaining | 1 |
| 17. | c)Profit | 1 |
| 18. | c) $5 \%$ | 1 |
| 19. | b) 10 | 1 |
| 20. | a)Memorandum of Association | 1 |


29. $\quad$ Fixed assets turnover Ratio :
$\square=\square=4$ Times
30. i) Revaluation method
ii)Amount of depreciation=opening value-closing value

$$
\begin{aligned}
&=120000-80000 \\
&= \text { Rs. } 40000 \\
& \text { SECTION }- \text { III }
\end{aligned}
$$

31. calculation of Amount of depreciation:

Amount of depreciation
$=\frac{\text { Total cost }- \text { Scrap value }}{\text { Estimated Life }}$


Amount of depreciation $=4500$ calculation of Rate of depreciation:
Rate of depreciation = Amount of depreciation /original cost x100

$$
\begin{aligned}
& =4500 / 50,000 \times 100 \\
& =\text { Rs. } 9 \%
\end{aligned}
$$

32. Causes of Depreciation :

* Obsolescence : The old asset will become obsolete (Useless) due to new $\quad 1$ inventions, improved techniques and technological advancement.
* Effluxion of time : When assets are exposed to forces of nature, like weather, wind, rain, etc., the value of such assets may decrease even if they are not put into any use.
* Time Factor : Lease, copy-right, patents are acquired for a fixed period of time. On the expiry of the fixed period of time, the assets cease to exist.

33. 

| Particulars |  | Prof |
| :--- | :--- | :--- |
| To Insurance |  |  |
| premium A/c | 40000 |  |
| Less: Prepaid | 5000 |  |
|  |  |  |

Profit \& Loss Account
Amount Particulars

| Amount |
| :---: |
| Rs. |$\quad 3$

35000
Balance Sheet
34.

| Statement of Profit or loss |  |
| :--- | :---: |
| Particulars | Amount |
| Closing Capital | $\mathbf{6 0 0 0}$ |
| Add: Drawings | $\mathbf{1 2 0 0}$ |
|  | $\mathbf{7 2 0 0}$ |
| Less : Additional capital | $\mathbf{2 0 0 0}$ |
| Adjusted closing capital | $\mathbf{5 2 0 0}$ |
| Less : Opening capital | $\mathbf{2 7 0 0}$ |
| Profit | $\mathbf{2 5 0 0}$ |

35. Under product method:

Date of drawings
1.5.14
31.10.14
30.11.14
Amount drawn
Rs.
$\mathbf{2 0 0 0}$
$\mathbf{3 0 0 0}$
$\mathbf{5 0 0 0}$

|  |  |
| :---: | :---: |
| Period | Product |
|  | Rs |
| $\mathbf{1 1}$ | $\mathbf{2 2 0 0 0}$ |
| $\mathbf{5}$ | $\mathbf{1 5 0 0 0}$ |
| $\mathbf{4}$ | $\mathbf{2 0 0 0 0}$ |

Interest on drawing $=$ Total drawing xrate/100x1/12

$$
=57000 \times \frac{10}{100} \times \frac{1}{12}
$$

$$
=\text { Rs. } 475
$$

36. 

Journal Entry
36. Date

| Date | Particulars | L.F. | Debit <br> Rs. | Credit Rs. |
| :---: | :--- | :--- | :--- | :--- |
| $1,20,000 \times 2$ | Bank A/c Dr <br> To Share application A/c <br> (being share application <br> money received |  | $\mathbf{2 , 4 0 , 0 0 0}$ | $\mathbf{2 , 4 0 , 0 0 0}$ |
| $1,00,000 \times 2$ | Share application A/c Dr <br> To Share capital A/c <br> (being share application <br> transfer) | $\mathbf{2 , 0 0 , 0 0 0}$ | $-\mathbf{2 , 0 0 , 0 0 0}$ |  |
| $20,000 \times 2$ | Share application A/c Dr <br> To Bank A/c <br> (being excess application <br> money refunded) |  | $\mathbf{4 0 , 0 0 0}$ | $\mathbf{3 0 , 0 0 0}$ |

37. 

## Solution: <br> Debt - Equity Ratio =

Total long term debt $=$ Debentures + Loans from Bank
Main Exam $=2,00,000+1,00,000$
$=$ Rs. $3,00,000$
$=1,25,000+25,000$
$=$ Rs. $1,50,000$
Shareholders funds = Equity Share Capital + Reserves
Debt-Equity Ratio = 2:1
38.

Cash budget for the month of November 2016

| Particulars | Rs. |
| :--- | :--- |
| Opening cash balance | 7,000 |
| Add: Estimated cash receipt | 40,000 |
| Cash sales | 5,000 |
| Dividend received | 52,000 |
| Less: Estimated cash payment |  |
| Cash purchase | 32,000 |
|  | $\mathbf{2 0 , 0 0 0}$ |

39. 

|  | Amali | $:$ | Kamali | :Kumuthini | 3 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Old ratio | $=4$ | $:$ | 3 |  |  |
| Old share | $=-$ | $:$ | - |  |  |
| New profit share ratio | $=-$ | $:$ | - | $:-$ |  |
| Sacrifice | $=---$ | $:---$ |  |  |  |
| (Oldshare -New share) |  |  |  |  |  |

40. i) Is the calculated value of goodwill correct?
ii) Calculation on Average profit:

Average profit $=$ Net profit - partners salary

$$
=27,000-4,000
$$

$$
=\text { Rs.23,000 }
$$

iii)Calculation on Normal profit :

$$
\begin{aligned}
& =\text { Capital profit X normal rate of return } \\
& =1,50,000 \times \\
& =\text { Rs. } 15,000
\end{aligned}
$$

iii)Calculation of Super profit:

$$
\begin{aligned}
& \text { =super profit - average profit } \\
& =23,000-15,000 \\
& =\text { Rs. } 8,000
\end{aligned}
$$

iv) Calculation Good will:

$$
\begin{aligned}
& =\text { Goodwill super profit x No.of years of purchase } \\
& =8,000 \times 2 \\
& =\text { Rs. } 16,000
\end{aligned}
$$

## SECTION - IG

Fluctuationg capial method
Capital accounts
41.
(a)

| Date | Particular | Ramu | Somu | $\begin{aligned} & \text { Da } \\ & \text { te } \end{aligned}$ | Particular | Ramu | Somu |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | To Drawing To Interest on Drawing To balance C/d | $\begin{aligned} & 6,000 \\ & 150 \\ & 88,250 \end{aligned}$ | $\begin{aligned} & 4,000 \\ & 100 \\ & 58,100 \end{aligned}$ |  | By balance B/d <br> By Interest on Capital By Partner salary By partner commission By share of profit | $\begin{aligned} & 80,000 \\ & 4,800 \\ & \mathrm{Nil} \\ & 1,600 \\ & 8,000 \end{aligned}$ | $\begin{aligned} & 50,000 \\ & 3,000 \\ & 2,000 \\ & 1,200 \\ & 6,000 \end{aligned}$ |
|  |  | 94,400 | 62,200 |  |  | 94,400 | 62,200 |
| By balance b/d |  |  |  |  |  | 88,250 | 58,100 |

(b)

Trading Profit \& Loss A/c Mr. Ragu for the year end 31.03.13

| Particulars | Rs | Rs. | Particulars | Rs | Rs |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To opening stock <br> To purchase <br> To Gross Profit c/d <br> (Transferred to profit and <br> loss A/c) <br> To salaries <br> Add: outstanding salary <br> To Rent <br> Less;prepaid Rend <br> To Net Profit c/d (Transferred to capital A/c) | $\begin{aligned} & 2000 \\ & 300 \end{aligned}$ | 5200 | By sales By Closing stock |  | $25000$ |
|  |  | 15000 |  |  | $4900$ |
|  |  | 9700 |  |  |  |
|  |  | 29900 |  |  |  |
|  |  |  |  |  | 9700 |
|  |  | 2300 |  |  |  |
|  |  |  | By Gross Profit b/d (Transferred from Trading $\mathrm{A} / \mathrm{c}$ ) |  |  |
|  | $\begin{aligned} & 1800 \\ & 200 \end{aligned}$ |  |  |  |  |
|  |  | 1600 |  |  |  |
|  |  | 5800 |  |  |  |
|  |  | 9700 |  |  | 9700 |
|  |  |  | A |  |  |

Balance sheet of Mr. Murugan for the year ended 31.3.2013

| Liabilities | Rs | Rs. | Assets | Rs | Rs |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Capital <br> Add : Net Profit | 40000 | $40800$ | Machinery Cash Debtors Prepaid Rent Closing stock |  | 28000650025002004900 |
|  | 5800 |  |  |  |  |
|  | 45800 |  |  |  |  |
| Less : Drawing | 50000 |  |  |  |  |
|  |  |  |  |  |  |
| Sundry creditors |  |  |  |  |  |
| Outstanding |  | 1000 300 |  |  |  |
|  |  | 42100 |  |  | 42100 |

42. 

(a)

Trading profit and loss account of Mr. Vijay as on $1^{\text {st }}$ April 2014.




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|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (b) | Journal Entry |  |  |  |  |  |  | 5 |
|  | Particulars |  |  | L.F.No | DrRs. | Cr. Rs |  |  |
|  | Share capital a/c dr To share forfeiture a/c To Share First call a/c To Share Final call a/c (Being share forfeiture for the non-payment of first and final call) |  |  |  | 1,000 | $\begin{aligned} & 400 \\ & 300 \\ & 300 \end{aligned}$ |  |  |
|  | Bank a/c Dr Share forfeiture a/c Dr To share capital a/c (Being shares were reissued) |  |  |  | $\begin{aligned} & 300 \\ & 100 \end{aligned}$ | 400 |  |  |
|  | Share forfeiture $\mathrm{a} / \mathrm{c} \mathrm{Dr}$ To capital reserve a/c (Being share forfeiture transferred to capital reserve a/c) |  |  |  | $60$ | $60$ |  |  |
| 45. <br> (a) | Statement of affairs as on Miss. Vanitha 31.3.2014 $3^{\text {O }}$ |  |  |  |  |  |  | 5 |
|  | Liabilities | Rs | Rs | sets |  | Rs | Rs |  |
|  | creditors |  | 18,000 | $\begin{aligned} & \text { nk } \\ & \text { lance } \end{aligned}$ | $\stackrel{\nu}{v}$ | 3 | 4,500 |  |
|  | Closingcapital |  | 25,400 st | ck |  |  | 4,000 |  |
|  |  |  |  | btors ${ }^{5}$ |  |  | 7,600 |  |
|  |  |  | 7Fu <br> L <br> de <br> ca | niture s. preciation h |  | $\begin{aligned} & \hline 30,000 \\ & 3,000 \end{aligned}$ | $\begin{array}{\|l} 27,000 \\ 300 \\ \hline \end{array}$ |  |
|  |  |  | 43,400 |  |  |  | 43,400 |  |
|  | statement of profit and loss for the year ended |  |  |  |  |  |  |  |
|  |  | Particulars |  |  | Amount |  |  |  |
|  |  | Closing capital Add : Drawings |  |  | 25,400 | - |  |  |
|  |  |  |  |  | $\begin{aligned} & \hline 35,400 \\ & 4,000 \end{aligned}$ |  |  |  |
|  |  | Less: Additional capital |  |  |  |  |  |  |
|  |  | Adjusted closing capital Less: Opening capital |  |  |  |  |  |  |
|  |  |  |  |  | $\begin{array}{r} 31,400 \\ 23,200 \\ \hline \end{array}$ |  |  |  |
|  |  | Profit |  |  | 8,200 |  |  |  |




