Class XII
Accountancy
Marking Scheme (2018-19)

| Part A <br> Accounting for Not-for-Profit Organizations, Partnership Firms and Companies |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Question |  |  |  |  | Marks |
|  | Journal |  |  |  |  | 1 |
|  | Date | ParticularsCash A/c $\quad$ Dr.$\quad$ To Realisation A/c(Being land and building sold throughbroker, paid 2\% of realisable value tobroker) | L.F | Amount (₹) | Amount (₹) |  |
|  |  |  |  | 2,94,000 | 2,94,000 |  |
|  | It is necessary to revalue assets and liabilities of a firm in case of admission of a partner so that the incoming partner is neither put to an advantage nor to disadvantage due to change in the market value of assets and liabilities. |  |  |  |  | 1 |
|  | Or |  |  |  |  |  |
|  | Two reasons for preparation of 'Revaluation Account' at time of admission of a partner are:- <br> i) To record the effect of revaluation of assets and liabilities. <br> ii) To ensure that the profits or losses on revaluation of assets and liabilities may be divided amongst the old partners. |  |  |  |  | $1 / 2$ $1 / 2$ |
| 3 | 'Receipt and Payment Account' in case of Not-for-Profit Organisation is prepared on Cash Basis of Accounting. |  |  |  |  | 1 |
|  | Or |  |  |  |  | 1 |
|  | Subscription received in advance during the current year is recorded on the liability side of current year's Balance Sheet. |  |  |  |  |  |
| 4 | $\begin{aligned} & \text { Interest on drawings }=₹ 9,000 \times 4 \times(6 / 100) \times(4.5 / 12) \\ & \text { Interest on drawings }=₹ 810 \end{aligned}$ |  |  |  |  | 1 |
| 5 | C is not correct in his claim, unless agreed; new profit sharing ratio of the continuing partners remains same as their old profit- sharing ratio i.e. 3:1. |  |  |  |  | 1 |
| 6 | Basis Equity Shares <br> Risk <br> involved Shareholders are at a greater risk. <br> They can even lose the amount <br> invested in shares. |  | Debentures |  |  | 1 |
|  |  |  | Debentures are relatively safe and secured. Debentures are almost risk free. |  |  |  |
|  | Or |  |  |  |  |  |
|  | Employee Stock Option Plan means option granted by the company to its employees and employee directors to subscribe the shares of the company at a price that is lower than the market price but it is not an obligation on the employee to subscribe for it. |  |  |  |  |  |


| 7 | ```Total Assets= ₹ \(1,20,000\) Capital Employed = Total Assets - Current Liabilities \(=1,20,000-10,000\) = ₹ \(1,10,000 \quad 1 / 2\) Normal Profits \(=8 \%\) of \(1,10,000\) \(=₹ 8,800 \quad 1 / 2\) Goodwill = Super Profits X No. of Years PurchaseNone``` | $\begin{aligned} & 1 / 2 \times 6= \\ & 3 \\ & \text { Marks } \end{aligned}$ |
| :---: | :---: | :---: |




|  | Bhavya's $=3 / 5-1 / 2=1 / 10$ Sacrifice <br> Sakshi's = $2 / 5-1 / 2=(1 / 10)$ Gain |  |  |  | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 12 | Dr | Dinesh's Capital A/c Cr |  |  | $\begin{aligned} & 1 / 2 X \\ & 8=4 \end{aligned}$ |
|  | Particulars | Amount (₹) | Particulars | Amount (₹) |  |
|  | To Deferred Revenue <br> Expenditure $\mathbf{1 / 2}$ <br> To Dinesh's Loan A/c 1/2 <br> To Dinesh's Executor's A/c | $\begin{gathered} 7,000 \\ 2,500 \\ 95,500 \end{gathered}$ | By Balance b/d <br> By General Reserve 1/2 <br> By Alwin's Capital A/c 1/2 <br> By Pramod's Capital A/c1/2 <br> By Profit and Loss Suspense $\mathrm{A} / \mathrm{c} 1 / 2$ | $\begin{aligned} & 30,000 \\ & 20,000 \\ & 15,000 \\ & 10,000 \\ & \\ & 30,000 \\ & \hline \end{aligned}$ |  |
|  |  | 1,05,000 |  | 1,05,000 |  |
|  | Dr | Dinesh's Exec | or's A/c | Cr |  |
|  | Particulars | Amount (₹) | Particulars | Amount (₹) |  |
|  | To Cash A/c 1/2 <br> To Bills payable A/c 1/2 | 47,750 <br> 47,750 | By Dinesh's Capital A/c | 95,500 |  |
|  |  | 95,500 |  | 95,500 |  |
|  | Working Note :- <br> Share of Profit =₹ $3,60,000 \times 1 / 6 \times 5 / 10=₹ 30,000$ |  |  |  |  |
| 13 | $\qquad$ <br> Income And Expenditure A/c For the year ended $31^{\text {st }}$ March, 2018 |  |  |  | 4 |
|  | Particulars | Amount <br> (₹) Pa | Particulars | Amount (₹) |  |
|  | To Salaries <br> To Postage | 31,500 By <br> 1,250 Add <br>  15, | Obscription $\quad 60,000$ Outstanding Subscription | 75,000 |  |
|  | To Rent | 9,000 By | trance Fees | $\begin{array}{r} 1,100 \\ 450 \\ 3,500 \end{array}$ |  |
|  | To Printing and Stationery To Miscellaneous Expenses | $\begin{array}{l\|l} 14,000 & \mathrm{By} \\ & \mathrm{By} \end{array}$ | By Interest on Investment |  |  |
|  | To Consumption of Sports Material To Depreciation on Furniture To Surplus | 3,100 10,000 1,000 10,200 |  |  |  |
|  |  | 80,050 |  | 80,050 |  |
|  | i) Consumption of Spo sports material duri | $\begin{aligned} & \text { Material = Open } \\ & \text { he year - Closing } \\ & 000+₹ 11,500- \\ & \text { e = ₹ } 20,000 \times(6 \\ & =₹ 70,000 \times(10) \end{aligned}$ | stock of sports material+ Pu tock of sports material ₹4,500= ₹ 10,000 <br> 12) $X(10 / 100)=₹ 1,000$ <br> 00) $X(6 / 12)=₹ 3,500$ | ases of | $\begin{aligned} & 1 / 2 \\ & 1 / 2 \end{aligned}$ |
| 14 |  | Realisation A/c Cr |  |  | 6 |
|  | Particulars | Amount <br> (₹) Pa | Particulars | n |  |
|  | To Building | 1,20,000 By | By Provision on Debtors | 4,000 |  |



|  |  |  |  |  |  |  |  |  | $11 / 2$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Firm's |  | Particular's | Alia's |  | Bhanu's |  | Chand's |  |  |
| Dr | Cr |  | Dr | Cr | Dr | Cr | Dr | Cr |  |
|  | 80,000 | Profits Given | 30,000 |  | 30,000 |  | 20,000 |  | 1 |
| $\begin{aligned} & 36,00 \\ & 0 \end{aligned}$ |  | Salary |  | 18,000 |  |  |  | 18,000 |  |
| 4,000 |  | Commission |  |  |  | 4,000 |  |  |  |
| $\begin{aligned} & 40,00 \\ & 0 \end{aligned}$ |  | Profit to be credited |  | 35,000 |  | 5,000 |  |  |  |
|  |  |  | 30,000 | 53,000 | 30,000 | 9,000 | 20,000 | 18,000 |  |
| Divisible profits = ₹ 80,000 - ₹ 36,000 - ₹ 4,000 = ₹ 40,000 <br> Alia's Share $=₹ 15,000+₹ 20,000=₹ 35,000$ <br> Bhanu's share $=₹ 15,000-₹ 10,000=₹ 5,000$ <br> Chand's share ₹ 10,000 - ₹ $10,000=$ nil <br> JOURNAL ENTRY |  |  |  |  |  |  |  |  | $11 / 2$ |
| Date | Particulars |  |  | L.F. | Amount( ₹) |  | Amount (₹) |  |  |
|  | Bhanu's Capital A/c Dr <br> Chand's Capital A/c Dr <br> To Alia's Capital A/c  <br> (Being Salary, Commission to partners  <br> missed in distribution of profit, guarantee  <br> to Alia, now adjusted)  |  |  |  | $\begin{aligned} & 21,000 \\ & 2,000 \end{aligned}$ |  | 23,000 |  |  |






Option-I

| 18 | Rent received is inflow of cash from Investing Activities |  |  | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 19 | An advantage of preparing Cash Flow Statement is:- <br> i. Cash flow statement when used along with other financial statements provides information that enable users to evaluate changes in net assets of the enterprises, its financial structure and its ability to affect the amount and the timings of cash flows in order to adapt to changing circumstances and opportunities. <br> ii. Cash flow information is useful in assessing the ability of enterprise to generate cash and cash equivalents and enable users to develop models to assess and compare the present value of the future cash flows of different enterprises <br> iii. It also enhances the comparability of the reporting of operating performance by different enterprises because it eliminates the effects of using different accounting treatments for the same transactions and events. <br> iv. It also helps in balancing the cash inflow and cash outflow, keeping in response to changing conditions. It is also helpful in checking the accuracy of the past assessment of future cash flows and in examining the relationship between profitability and net cash flow and impact of changing prices. (any one) |  |  | 1 |
| 20 | Items | Major Head of Balance Sheet | Sub Head of Balance Sheet | $\begin{aligned} & 1 / 2 \times 8 \\ & =4 \end{aligned}$ |
|  | i) Loose Tools | Current Assets | Inventories |  |
|  | ii)Retirement Benefits <br> Payable to employees | Non-Current Liabilities | Long Term Provisions |  |
|  | iii) Patents | Non-Current Assets | Fixed Asset (Intangible) |  |
|  | iv) Interest on Calls in Advance | Current Liabilities | Other current Liabilities |  |


| 21 | Sales =Cost of Revenue from Operations + Profit <br> If Sales is 100; Gross Profit = ₹ 20 <br> Cost of Revenue from Operations = ₹ 100 - ₹ $20=₹ 80$ <br> Applying Unitary Method <br> If Cost of Revenue of Operation is ₹ 80 , then Revenue from Operations $=₹ 100$ <br> If Cost of Revenue of Operation is ₹ $8,00,000$ <br> Then, Revenue from Operations $=(₹ 8,00,000 \times 100) / 80=₹ 10,00,0001$ <br> Revenue from Operations = Cash Revenue from Operations + Credit Revenue from Operations <br> (i) <br> Let Cash Revenue from Operations be x ; Credit Revenue from Operations $=4 \mathrm{x}$ <br> Substituting in (i) <br> ₹ $10,00,000=x+4 x$ <br> $x=₹ 10,00,000 / 5=₹ 2,00,000$ <br> Credit Revenue from Operations $=₹ 8,00,0001$ <br> Trade Receivable Turnover ratio = Credit Revenue from Operations / Average Trade Receivables <br> (ii) <br> Average Trade Receivables $=($ Opening Trade Receivables + Closing Trade Receivables $) / 2$ <br> Let Opening Trade Receivables be y; Closing Trade Receivables = y + ₹ 40,000 <br> Substituting in (ii) $\begin{aligned} & 5=₹ 8,00,000 /(y+y+₹ 40,000) / 2 \\ & 5=₹ 8,00,000 /(y+₹ 20,000) \\ & 5 y+₹ 1,00,000=₹ 8,00,000 \\ & y=₹ 7,00,000 / 5 \\ & y=₹ 1,40,000 \text { (Opening Trade Receivables) } 1 \\ & \text { Opening Trade Receivables = ₹ } 1,40,000 \\ & \text { Closing Trade Receivables }=\text { Opening Trade Receivables }+₹ 40,000 \\ & \quad=₹ 1,40,000+₹ 40,000 \\ & \text { Closing Trade Receivables }=₹ 1,80,000 \end{aligned}$ | $\begin{aligned} & 1 \text { X4=4 } \\ & \text { Marks } \end{aligned}$ |
| :---: | :---: | :---: |
|  | Or |  |
|  | ```Current Assets = Liquid Assets + Inventories (excluding loose tools) +Prepaid Expenses = ₹ 75,000+ ₹ 15,000 + ₹ 10,000 = ₹ 1,00,000 Working Capital = Current Assets - Current Liabilities Current Liabilities = Current Assets - Working Capital = ₹ 1,00,000 - ₹ 60,000 = ₹ 40,000 Current Ratio = Current Assets / Current Liabilities = ₹ 1,00,000 / ₹ 40,000 = 2.5:1 Liquid Ratio = Liquid Assets / Current Liabilities = ₹ 75,000 / ₹ 40,000 = 1.875:1None``` |  |

Common Size Balance Sheet of R Ltd. As at $31^{\text {st }}$ March, 2017 and 2018

| Particulars | Not e no. | Absolute Amounts |  | Percentage of Balance sheet Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { 31.3.2017 } \\ & \text { (₹) } \end{aligned}$ | $\begin{aligned} & \text { 31.3.2018 } \\ & \text { (₹) } \end{aligned}$ | $\begin{aligned} & \text { 31.3.2017 } \\ & \text { ( \%) } \end{aligned}$ | $\begin{aligned} & \text { 31.3.2018 } \\ & \text { ( \% ) } \end{aligned}$ |
| I EQUITY AND LIABILITIES <br> 1. Shareholder's Funds: |  |  |  |  |  |
| a. Share Capital |  | 2,00,000 | 2,50,000 | 66.7 | 62.5 |
| b. Reserve and |  | 60,000 | 80,000 | 20 | 20 |
| a. Trade Payable |  | 40,000 | 70,000 | 13.3 | 17.5 |
|  |  | 3,00,000 | 4,00,000 | 100 | 100 |
| II ASSETS <br> 1. Non-Current Assets: <br> a. Fixed Assets: <br> i. Tangible Assets <br> ii. Intangible Assets |  |  |  |  |  |
|  |  | 1,20,000 | 1,60,000 | 40 | 40 |
|  |  | 30,000 | 20,000 | 10 | 5 |
| 2. Current Assets |  |  |  |  |  |
| a. Inventories |  | 30,000 | 80,000 | 10 | 20 |
| b. Trade |  | 1,00,000 | 1,20,000 | 33.3 | 30 |
| Receivables <br> c. Cash and Cash |  | 20,000 | 20,000 | 6.7 | 5 |
| Equivalents |  |  |  |  |  |
| Total |  | 3,00,000 | 4,00,000 | 100 | 100 |
| Or |  |  |  |  |  |

Comparative Statement of
Profit and Loss of Sakhi Ltd.
For the year ending $31^{\text {st }}$ March 2017 and 2018

| Particulars | Not e No. | Absolute amounts |  | Absolute change | Percentage change |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & 31^{\text {st }} \text { March } \\ & 2017 \end{aligned}$ | $\begin{aligned} & 31^{\text {st }} \text { March } \\ & 2018 \end{aligned}$ |  |  |
| Revenue from operations |  | 20,00,000 | 25,00,000 | 5,00,000 | 25\% |
| Less: Expenses Employee Benefit Expenses Other Expenses |  | $\begin{array}{\|l\|} \hline 7,00,000 \\ \hline 3,00,000 \\ \hline \end{array}$ | $\begin{aligned} & 10,00,000 \\ & 2,00,000 \\ & \hline \end{aligned}$ | $\begin{array}{\|l\|} \hline 3,00,000 \\ 1,00,000 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 42.85 \% \\ 33.33 \% \\ \hline \end{array}$ |
| Total Expenses |  | 10,00,000 | 12,00,000 | 2,00,000 | 20\% |
| Profit before Tax |  | 10,00,000 | 13,00,000 | 3,00,000 | 30\% |
| Less Tax@40\% |  | 4,00,000 | 5,20,000 | 1,20,000 | 30\% |
| Profit after Tax |  | 6,00,000 | 7,80,000 | 1,80,000 | 30\% |

## Cash Flow Statement for the year ended on 31 ${ }^{\text {st }}$ March, 2018

| Particulars | Details | Amount ( $₹$ |
| :---: | :---: | :---: |
| I. Cash Flow from Operating Activities |  |  |
| Net profit before tax and Extraordinary Items (W.N. 1) 1 |  | 26,640 |
| Adjustment for Non cash and non-operating Expenses |  |  |
| Add: Interest on Debentures | 4,800 |  |
| Depreciation on Land and Building | 1,200 |  |
| Depreciation on Plant and Machinery1 | 14,400 | 20,400 |
| Operating Profit before Working Capital changes  47,040 <br> Add: Increase in Current Liability and decrease in   <br> Current Assets   |  |  |
|  |  |  |
|  |  |  |
| Debtors | 4,800 | 4,800 |
| Less: Decrease in Current Liability and increase in Current Assets |  |  |
| Trade Payables | $(7,200)$ |  |
| Inventories | $(16,200)$ |  |
| Bills Receivables | $(10,800)$ | $(34,200)$ |
| Cash Flow from Operating Activities before payment of Tax |  |  |
| Less: Tax paid |  | 17,640 |
|  |  | (14400) |
| Cash Flow from Operating Activities 1 |  | 3,240 |
| II Cash Flow from Investing Activities |  |  |
| Purchase of Plant and Machinery |  | $(2,400)$ |
| Cash used in Investing Activity 1 |  | $(2,400)$ |
| III Cash Flow from Financing Activities |  |  |
| Issue of Equity Shares | 18,000 |  |
| 10 \% Debentures raised | 12,000 |  |
| Interest on Debenture Paid | $(4,800)$ |  |
| Proceeds from Bank Overdraft | 5,000 | 30,200 |
| Cash Flow from Financing Activities 1.5 |  |  |
| IV Increase in Cash and Cash Equivalents ( $1+\mathrm{II}+\mathrm{III}$ ) |  | 31,040 |
| $\checkmark$ Opening Cash and Cash Equivalents |  | 8,360 |
| Closing Cash and Cash Equivalents (IV + V) $1 / 2$ |  | 39,400 |

Working Notes:

Calculation of Net Profit before Tax and Extraordinary items:

| Surplus i.e. Balance in Statement of Profit and Loss | 9,840 |
| :--- | :--- |
| Add: Transfer to General Reserve | 3,600 |
| Add: Provision for Tax | 13,200 |
| Net profit before tax and Extraordinary Item | 26,640 |


| Dr | Provision For Income Tax Account | Cr |  |
| :--- | :--- | :--- | ---: |
| Particulars | Amount | Particulars | Amount (₹) |
| To Bank A/c (Tax Paid) | 14,400 | By Balance b/d | 18,000 |
| To Balance C/d | 16,800 | By Profit and Loss A/c | 13,200 |
|  | 31,200 |  | 31,200 |



|  | 1. Faster obsolescence of technology necessitates investment in shorter period of time. <br> 2. Data may be lost or corrupted due to power interruptions. <br> 3. Data are prone to hacking. <br> 4. Un-programmed and un-specified reports cannot be generated. |  |
| :--- | :--- | :--- |
| 23 | Features of Tally 9.0 software are (any six) <br> i) Gateway - Gateway is the starting of Tally. In other words we can say that gateway is the gate <br> to enter in Tally. <br> ii) Company creation - Before inputting accounting transactions, first we create a company <br> through company creation. <br> iii) Chat of accounts - Chart of accounts is the segmentation of Liabilities and Assets of Balance <br> Sheet and preparation of Profit and Loss account. <br> iv) Account master - Account master basically used for account group and ledger. <br> v) Voucher entry - After creation of account user inputs accounting voucher entry in the book of <br> accounts. In computerized accounting system all entries are inputted through a voucher entry. <br> vi) Trial Balance - Trial balance is the statement of different closing balances of ledger. vii) <br> Balance Sheet - The balance sheet is constructed by simply posting all items of liabilities and <br> assets for the finalization of journal entry. | 1x6=6 |

