| Date | Particulars | Dr Amt | Cr Amt |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bank A/c <br> Dr.. <br> To Debenture Application A/c <br> ( Being Debenture application money received for 12000 debentures <br> @ Rs 25 per Debenture) | 300000 | 300000 | 12000 | 25 |
|  | Debenture Application A/c Dr.. To 8\% Debenture A/c (Being application money transferred to 8\% Debentures A/c) | 300000 | 300000 | 12000 | 25 |
|  | Debenture Allotment A/c <br> Dr.. <br> Disocunt on Issue of Debentures $\mathrm{A} / \mathrm{c}$ <br> To 8\% Debenture A/c <br> (Being Debenture allotment money for 12000 debentures transferred to Debentures A/c @ Rs 25 per Debenture) | $\begin{array}{r} 240000 \\ 60000 \end{array}$ | 300000 | 12000 | 20 5 25 |
|  | Bank A/c Dr.. <br> To Debenture Allotment A/c | 240000 | 240000 | \#REF! | 20 |



| Date | Particulars | Dr Amt | Cr Amt |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2500000 | 2500000 | 5000 | 500 |
|  | Debenture Application A/c <br> Dr.. <br> To 10\% Debenture A/c <br> (Being application money transferred to 8\% Debentures A/c and excess money refunded) | 2500000 | 2500000 | 5000 | 500 |
|  | Debenture Allotment A/c <br> Dr.. <br> Discount on issue of Debentures $A / c \quad$ Dr.. <br> Loss on issue of debntures $A / c \quad$ Dr.. <br> To 10\% Debenture A/c <br> To Securities Premium Reserve A/c <br> To Premium on Redemption of Debentures A/c | $\begin{array}{r} 2000000 \\ 500000 \\ 250000 \end{array}$ | $\begin{array}{r} 2500000 \\ 0 \\ 250000 \end{array}$ | 5000 | $\begin{array}{r} 400 \\ 100 \\ 50 \\ 500 \end{array}$ |


|  | (Being Debenture allotment money for 5000 debentures transferred <br> to Debentures A/c @ Rs 500 per Debenture and redeemable at a <br> premium of 5\%) |  |  |
| :--- | :--- | :--- | :--- |
| Bank A/c $\quad$ Dr.. <br> To Debenture Allotment A/c <br> (Being debenture allotment money received for 5000 debentures @ <br> Rs 500 per debenture ) | 2500000 | 2500000 |  |
|  |  |  |  |

Journal of Joy Ltd


## Working Note :

Calculation of No of Debentures Issued
Nominal Value of Debenture ..... 100
Discount per Debenture ..... 10
Issue Price per Debenture ..... 90No of Debentures Issued10000
(Always divide the purchase consideration with the issue price and not by the face value to find the no of debentures)
So if debentures issued at discount
No of debentures = Purchase consideration payable through debentures/(Face Value per debenture - Discount per debenture)
If debentures issued at premium
No of debentures = Purchase consideration payable through debentures/(Face Value per debenture + Premium per debenture)

## If debentures issued at par

No of debentures $=$ Purchase consideration payable through debentures/Face Value per debenture

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Journal of Amrit Ltd



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Journal of B Ltd

| Date | Particulars | Dr Amt | Cr Amt |
| :---: | :---: | :---: | :---: |
|  | Plant A/c Dr.. <br> To Vendor A/c <br> (Being Plant purchased from vendor) <br> Vendor $\mathrm{A} / \mathrm{c}$ <br> Dr.. <br> To 9\% Debentures A/c <br> To Securities Premium Reserve A/c <br> (Being 9\% Debentures issued to Vendor for consideration other than cash) | $600000$ $600000$ | $600000$ <br> 500000 <br> 100000 |

## Working Note :

Calculation of No of Debentures Issued

Total consideration to be paid
600000
Nominal Value of Debenture ..... 100
Premium Per Debenture ..... 20
Issue Price per Debenture ..... 120

Journal of Ananya Ltd

| Date | Particulars | Dr Amt | Cr Amt |
| :---: | :---: | :---: | :---: |
|  | Business A/c Dr.. <br> To Vendor A/c <br> (Being Businness purchased from vendor) <br> Vendor A/c Dr.. <br> Discount on issue of Debentures $A / C$ <br> To 9\% Debentures A/c <br> To Bank A/c <br> (Being 9\% Debentures issued to Vendor for consideration other than cash) | $\begin{array}{r} 200000 \\ 200000 \\ 15000 \end{array}$ | $200000$ $\begin{array}{r} 150000 \\ 65000 \end{array}$ |

## Working Note :

Calculation of No of Debentures Issued

Total consideration to be paid 200000
Less - Paid by check 65000
Balance Payable through Debentures 135000
Nominal Value of Debenture 100
Debenture per Debenture 10
Issue Price per Debenture 90

Journal of Reliance Ltd

| Date | Particulars | Dr Amt | Cr Amt |
| :---: | :---: | :---: | :---: |
|  | Machinery A/c Dr.. To Vendor $\mathrm{A} / \mathrm{c}$ (Being Machinery purchased from vendor) | 135000 | 135000 |
|  | Vendor A/c <br> Dr.. <br> To 9\% Debentures A/c <br> (Being 9\% Debentures issued to Vendor for consideration other than cash) | 135000 | 135000 |
|  | Vendor A/c Dr.. | 135000 |  |
|  | Discount on issue of Debentures $\mathrm{A} / \mathrm{c}$ | 15000 |  |
|  | To 9\% Debentures A/c (Being 9\% Debentures issued to Vendor for consideration other than cash) |  | 150000 |

## Working Note :

Calculation of No of Debentures Issued (when issued at par)

Total consideration to be paid
Nominal Value of Debenture
Issue Price per Debenture ..... 100
No of Debentures Issued ..... 1350
Calculation of No of Debentures Issued (when issued at discount)
Total consideration to be paid ..... 135000
Nominal Value of Debenture ..... 100
Discount per Debenture ..... 10
Issue Price per Debenture ..... 90
No of Debentures Issued ..... 1500

## Assets

Less - Creditors ..... 200000
Net Assets (Purchase Consideration) ..... 1800000
Working Note :
Calculation of No of Debentures Issued
Total consideration to be paid ..... 1800000
Nominal Value of Debenture ..... 100
Debenture per Debenture ..... 10
Issue Price per Debenture ..... 90

Journal of Romi Ltd


| Assets | 400000 |
| :--- | ---: |
| Less - Liabilities | 50000 |
| Net Assets (A) | 350000 |
| Purchase Consideration (B) | 380000 |
| Goodwill (B-A) | 30000 |

## Working Note :

## Calculation of No of Debentures Issued (At Par)

Total consideration to be paid ..... 380000
Nominal Value of Debenture ..... 100
Issue Price per Debenture ..... 100
No of Debentures Issued ..... 3800
Calculation of No of Debentures Issued (At Discount)
Total consideration to be paid ..... 380000
Nominal Value of Debenture ..... 100
Discount Per Debenture ..... 10
Issue Price per Debenture ..... 90
No of Debentures to be Issued ..... 4222.22
No of Full Debenture ..... 4222
Face Value of Debentures issued ..... 422200
ssue Price of Debentures after Discount ..... 379980
Amount paid in Cash ..... 20
Calculation of No of Debentures Issued (At Premium)
Total consideration to be paid380000
Nominal Value of Debenture ..... 100
Premium Per Debenture ..... 10
Issue Price per Debenture ..... 110
No of Debentures to be Issued ..... 3454.55
No of Full Debenture ..... 3454
Face Value of Debentures issued ..... 345400
Issue Price of Debentures including premium ..... 379940
Amount paid in Cash60
Journal of Exi Ltd



| Land and Building | 5000000 |
| :--- | ---: |
| Furniture | 1000000 |
| Stock | 500000 |
| Total Assets | 6500000 |
| Less - Creditors | 700000 |
| Net Assets (A) | 5800000 |
| Purchase Consideration (B) |  |
|  | 6000000 |
| Goodwill (B - A) | 200000 |

## Calculation of No of Debentures Issued (At Premium)

Total consideration to be paid 6000000
Nominal Value of Debenture 100
Premium Per Debenture 20
$\begin{array}{ll}\text { Issue Price per Debenture } & 120\end{array}$

No of Debentures to be Issued
50000

| Date | Particulars | Dr Amt | Cr Amt |
| :---: | :---: | :---: | :---: |
|  | Land and Building A/C <br> Dr.. <br> Furniture $A / c \quad$ Dr.. <br> Stock A/c Dr.. <br> Goodwill A/c Dr.. <br> To Creditors A/c <br> To Krishna Ltd A/c <br> (Being Assets purchased and liabilities taken over purchased from <br> Krishna Ltd) <br> At Premium <br> Krishna Ltd A/c Dr.. <br> To 12\% Debentures A/c <br> To Securities Premium Reserve A/c <br> (Being Debentures issued to Mohan Bros for consideration other than cash) | $\begin{array}{r} 5000000 \\ 1000000 \\ 500000 \\ 200000 \end{array}$ <br> 6000000 | $\begin{array}{r} 700000 \\ 6000000 \\ \\ 5000000 \\ 1000000 \end{array}$ |

Note : for calculating Goodwill or capital reserve the Net Assets and Purchase Consideration should be given separately in the question
If not given separately then Net Assets will be assumed to be the purchase consideration and so no goodwill/capital reserve will arise

