Workings:

1. Inventory turn over ratio = Cost of Sales / Average Inventory

= Cost of Sales / [(Opening + Closing Inventory) / 2]

Cost of Sales / [(RM18,000 + RM18,000 \* 80%)/2] = 10

Cost of Sales = 10 \* [(RM18,000 + RM18,000 \* 80%)/2]

= RM 162,000

1. Gross Profit Margin = Gross Profit / Sales

已知 Gross Profit = Sales - Cost of Sales

所以Gross Profit Margin = (Sales - Cost of Sales) / Sales

1/3 = (Sales - Cost of Sales) / Sales

1/3 Sales = Sales - Cost of Sales

Cost of Sales = 2/3 Sales

RM 162,000 = 2/3 Sales

Sales = RM 162,000 \* 3 / 2 = RM 243,000

1. Cost of Goods Available for Sales - Closing Inventory = Cost of Sales

Cost of Goods Available for Sales = Cost of Sales + Closing Inventory

1. Distribution Costs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2019 |  | RM | 2019 |  | RM |
| Jan 1 | Balance b/d | 1,200 | Dec 31 | Bank | 6,400 |
| Dec 31 | Profit and Loss | 6,000 | 31 | Balance c/d | 800 |
|  |  | 7,200 |  |  | 7,200 |

1. Interest on Loan Notes: RM18,000 x 10% = RM1,800
2. Carrying Amount = Cost - Accumulated Depreciation

= RM 18,000 - RM 8,400

= RM 9,600

1. Selling Price = RM 9,600 - RM 4,800 = RM 4,800
2. Loss on Disposal of Equipment = RM 9,600 - RM 4,800 = RM 4,800
3. Deprecation = RM (153,000 - 18,000) x 12%

= RM 16,200

1. Cost of Property, Plant and Equipment: RM(153,000 - 18,000) = RM135,000
2. Acc. Depr. Of Prop, Plant, and Eq. = RM (45,000 - 8,400 + 16,200) = RM 52,800
3. Closing Inventory = RM18,000 \* 80% = RM14,400
4. Closing Trade Receivables = RM14,000 \* 130% = RM18,200
5. Retained Profits = Opening Retained Profits + Profit for the year - Transfer to general

reserve - Interim Dividend paid

= RM (14,400 + 62,400 - 3,000 - 18,000)

= RM 55,800

1. Trade Payables Settlement Period = Closing Trade Payables / Credit Purchase \* 12 m

2m = Closing Trade Payables / RM 158,400 \* 12m

1/6 = Closing Trade Payables / RM 158,400

Closing Trade Payables = 1/6 x RM 158,400 = RM 26,400

1. Cash At Bank

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2019 |  | RM | 2019 |  | RM |
| Jan 1 | Balance b/d | 34,300 | Dec 31 | Wages and Salaries | 32,200 |
| Dec 31 | Disposal of Equipment | 4,800 | 31 | Insurance Expenses | 2,800 |
| 31 | Rental Income | 50,400 | 31 | Water and Electricity | 5,200 |
| 31 | Trade Receivables | 238,800 | 31 | Distribution Costs | 6,400 |
|  |  |  | 31 | Interest on Loan Notes | 18,000 |
|  |  |  | 31 | Trade Payables | 143,700 |
|  |  |  | 31 | Interim Dividends | 18,000 |
|  |  |  | 31 | Balance c/d | 118,200 |
|  |  |  |  |  |  |

1. Trade Receivables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2019 |  | RM | 2019 |  | RM |
| Jan 1 | Balance b/d | 14,000 | Dec 31 | Bank | 238,800 |
| Dec 31 | Sales | 243,000 | 31 | Balance c/d | 18,200 |
|  |  |  |  |  |  |

1. Trade Payables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2019 |  | RM | 2019 |  | RM |
| Dec 31 | Bank | 143,700 | Jan 1 | Balance b/d | 11,700 |
| 31 | Balance c/d | 26,400 | Dec 31 | Purchase | 158,400 |
|  |  |  |  |  |  |