APPENDIX - A

QUESTIONNAIRE


1. Household Schedule

(a) Name of the Proprietor: Mr./Mrs. ____________________________
(b) Name of Place, Village: ________________________________
   Town: ____________________________ District: ____________________________
(c) Name of the Industry: ________________________________
(d) Year of Establishment: ________________________________
(e) Type of the Industry:
   (i) Agro-based
   (ii) Forest-based
   (iii) Service-based
   (iv) Mineral-based
   (v) Chemical-based
   (vi) Others.

2. The Socio-Economic Status of the Proprietor and his Family Members.

(a) Family Structure:

<table>
<thead>
<tr>
<th>Seri. No.</th>
<th>Name</th>
<th>Type</th>
<th>Relation</th>
<th>Age (Male/Female)</th>
<th>No. of Dependents</th>
<th>Education</th>
</tr>
</thead>
</table>

(b) Income:

(i) Annual Income of the Family from:
   (1) The Industry: Rs. ____________________________
   (2) Other Source: Rs. ____________________________

3. Number of Persons Employed

(1) From the Proprietor's own Family:

<table>
<thead>
<tr>
<th>Seri. No.</th>
<th>Name</th>
<th>Age (Male/Female)</th>
<th>Skill Level</th>
<th>Full Time</th>
<th>Casual</th>
<th>Non-Maj.</th>
<th>Worked</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4. Raw-materials

(a) The Raw Materials are
   (1) Primary Products
   (ii) Secondary Products

(b) The Raw Materials are Obtained From
   (1) Microram
   (ii) Outside Microram
   (iii) Outside India

(c) Distance of the Place from where the Raw Material is
   Collected (in Km.) ..........................................

(d) Means of Transportation:
   (1) Railway Transport
   (ii) Road Transport
   (iii) Water Transport
   (iv) Air Transport
   (v) Both Railway and Roadway

(e) What is the cost of Transportation per Unit of Quantity?
   (in Rs.) .........................................................

(f) What is the cost of Raw Material per Unit of Quantity?
   (in Rs.) .........................................................

(g) What is the Annual Raw Material Requirement (in per unit
    of quantity) ..................................................

(h) The Raw Materials are Available in abundant quantity/Inadequate quantity.

(i) The cost of Raw Material is very dear/very cheap/good
    enough.

5. Production

   (i) The approximate cost of production per unit of item
       (in Rs.) .....................................................

   (ii) Total Annual Product .......................................

6. Input Cost

   (1) Monthly Salary Paid to
       (a) Permanent and Skilled Employee Rs. ............
(b) Permanent and Unskilled Employee Rs. ........................
(c) Casual Employee Rs. ........................

(iii) Machines and Tools

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Tools</th>
<th>Owned</th>
<th>Cost of Hiring (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(iv) If the Machine is owned

(a) What is the Cost Rs. ........................
(b) What is Maintenance Cost Rs. ........................
(c) Repairing Cost Rs. ........................

(v) The Machine was purchased from

(a) his own pocket
(b) Loan
(c) hire-purchase
(d) Government subsidy
(e) subsidized rate Rs. ........................

(v) Monthly Expenditure on Power Rs. ........................

7. The Production Process is not carried on Smoothly because of (Strike off which is not correct)

1. Irregular and insufficient power
2. Lack of technological knowhow
3. High cost of inputs
4. Lack of capital
5. Financial ill-health of the propyltem
6. Less Government’s assistance
7. Poor transport infrastructure
8. Limited market
9. Heavy competition from other units in Mizoram
10. Heavy competition from outside the Mizoram
11. Lack of training facilities
12. Lack of owned site

8. Priorities of the Problems: The industry is facing serious problems in (Strike of which is not correct)

1. Power supply
2. Technological knowledge
3. Capital
4. Skilled labour
5. Manual labour
6. Raw materials
7. High competition
8. Marketing
9. Government interference
10. Others, if any.

1. Purely loan
2. Subsidy
3. Grant-in-aid
4. Purely own-pocket
5. Both 2 and 3
6. Both loan and own pocket
7. Own pocket and subsidy

10. Recovery of Loan: Recovery of loan in,

1. Regular
2. Irregular
3. No recovery so far
4. Recovered

If recovery is not regular or not possible, mention the reasons:

1. Just neglected
2. Not possible
3. Other inconveniences

If not possible, why is it:

1. Production is Irrev
2. No profit
3. Industry is still
4. Long many credits

11. Marketing System

(a) Place of Market
1. Only in the division
2. Only outside the division
3. Both in and outside the division

(b) Distance of the market from the centre of production (in km.)

(c) Carrying charges per unit (in Rs.)

(d) Selling price per unit (in Rs.)

(e) Approximate profit per unit (in Rs.)

(f) Extend of Demand (tick mark to the correct answer)

1. Local Markets: Demand is high
   Demand is low
   Demand is moderate

2. Outside: Demand is high
   Demand is low
   Demand is moderate
(a) Extent of Supply (strike off the wrong one)
1. Local Markets : Enough quantity supplied
   Enough quantity not supplied
2. Outside : Enough quantity supplied
   Enough quantity not supplied

(b) Items of Product

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Items</th>
<th>Unit Price</th>
<th>Profit per Unit</th>
</tr>
</thead>
</table>

12. Government's Assistance (Put tick mark to the correct one).
1. In kind free gift/hired hired purchase
2. In cash loan/subsidy/grant in aid
3. Housing facilities.

13. The Entrepreneurs commence from his own experiences from his industrial establishment (tick mark whichever is correct)
1. There are too many alike units in the area
2. Competition is very high
3. People do not like his products
4. The industry is not profitable
5. The industry is not profitable
6. The industry is not suited to the area
7. The products do not attract the local people
8. The industry is very much suited to the local area
9. The scope is very vast
10. There is no good market
11. The market is good
12. The industry is very much recommendable to further entrepreneurship
13. Want to stop now
14. Would like to continue still
15. Production capacity is low
16. Want to enlarge the unit
17. Other units are no more welcome to grow
18. Some units are disappearing due to competition
19. Total population in the state is still very low to feed industries.

14. Any Other Commence
(a) about the industry
(b) about the research work

### APPENDIX – B

**Industrial Categories and Trades Under Each Categories (1995)**

<table>
<thead>
<tr>
<th>Name of Categories and Trade</th>
<th>No. of Persons Employed</th>
<th>Average Cost (Rs./Unit)</th>
<th>Average Output (Units)</th>
<th>Average Profit (Rs./Unit)</th>
<th>Average Productivity</th>
<th>Profit per Rs. 100 of Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Manufacture of Food Products and Allied Industries.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Rice Mill/ Rice Huller</td>
<td>13</td>
<td>17</td>
<td>15484</td>
<td>21850</td>
<td>6366</td>
<td>1.41</td>
</tr>
<tr>
<td>b. Bakery</td>
<td>12</td>
<td>18</td>
<td>202985</td>
<td>207500</td>
<td>8955</td>
<td>1.42</td>
</tr>
<tr>
<td>c. Chow Making</td>
<td>4</td>
<td>8</td>
<td>59733</td>
<td>98533</td>
<td>24500</td>
<td>1.37</td>
</tr>
<tr>
<td>d. Oil Mill</td>
<td>1</td>
<td>4</td>
<td>94640</td>
<td>110000</td>
<td>24036</td>
<td>1.25</td>
</tr>
<tr>
<td>e. Ghee Making</td>
<td>2</td>
<td>6</td>
<td>31600</td>
<td>47593</td>
<td>15785</td>
<td>1.44</td>
</tr>
<tr>
<td>f. Fruit Preservation</td>
<td>2</td>
<td>5</td>
<td>79000</td>
<td>109000</td>
<td>21500</td>
<td>1.27</td>
</tr>
<tr>
<td>g. Soices Processing</td>
<td>1</td>
<td>5</td>
<td>29570</td>
<td>327970</td>
<td>32000</td>
<td>1.11</td>
</tr>
<tr>
<td>h. Paddy Dehusking</td>
<td>1</td>
<td>1</td>
<td>11720</td>
<td>11920</td>
<td>9800</td>
<td>1.48</td>
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<tr>
<td>a. Furniture and Carpentry Works</td>
<td>37</td>
<td>163</td>
<td>103170</td>
<td>119250</td>
<td>9600</td>
<td>1.45</td>
</tr>
<tr>
<td>b. Saw Mill</td>
<td>2</td>
<td>6</td>
<td>763467</td>
<td>843500</td>
<td>86000</td>
<td>1.10</td>
</tr>
<tr>
<td>c. Cane and Bamboo</td>
<td>1</td>
<td>4</td>
<td>53328</td>
<td>103328</td>
<td>50000</td>
<td>1.94</td>
</tr>
<tr>
<td>a. Embroidery</td>
<td>1</td>
<td>4</td>
<td>1200056</td>
<td>125856</td>
<td>45000</td>
<td>1.37</td>
</tr>
<tr>
<td>b. Hand Making</td>
<td>1</td>
<td>5</td>
<td>102990</td>
<td>202290</td>
<td>100000</td>
<td>1.98</td>
</tr>
<tr>
<td>c. Woolen Garments</td>
<td>1</td>
<td>4</td>
<td>104247</td>
<td>161340</td>
<td>57093</td>
<td>1.55</td>
</tr>
<tr>
<td>d. Cotton Mills/ Cotton spinning</td>
<td>1</td>
<td>10</td>
<td>153250</td>
<td>333250</td>
<td>180000</td>
<td>2.17</td>
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<tr>
<td>e. Handloom Industry</td>
<td>31</td>
<td>145</td>
<td>80860</td>
<td>120685</td>
<td>3485</td>
<td>1.41</td>
</tr>
<tr>
<td>a. Printing Press</td>
<td>7</td>
<td>40</td>
<td>151860</td>
<td>242550</td>
<td>91700</td>
<td>1.60</td>
</tr>
<tr>
<td>b. Book Binding</td>
<td>2</td>
<td>4</td>
<td>35144</td>
<td>39644</td>
<td>79180</td>
<td>1.70</td>
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<tr>
<td>c. Stationeries</td>
<td>1</td>
<td>10</td>
<td>299050</td>
<td>500000</td>
<td>200450</td>
<td>1.67</td>
</tr>
</tbody>
</table>

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**Note:**
- The table continues on the next page.
<table>
<thead>
<tr>
<th>Name of Categories and Trade</th>
<th>No. of Persons Employed</th>
<th>Annual Average Cost (₹/Units)</th>
<th>Annual Average Output (₹/Unit)</th>
<th>Annual Average Profit (₹/Unit)</th>
<th>Average Productivity (₹/Unit)</th>
<th>Profit per Rs. 100 of investment (₹/Unit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Manufacture of Rubber, Plastics, etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>a. Tyre Retreading</td>
<td>4</td>
<td>19</td>
<td>156170</td>
<td>414422</td>
<td>258252</td>
<td>2.65</td>
</tr>
<tr>
<td>b. Plastic Industry</td>
<td>2</td>
<td>2</td>
<td>74112</td>
<td>159112</td>
<td>85000</td>
<td>7.15</td>
</tr>
<tr>
<td>6. Manufacturing of Chemicals and Chemicals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Candle Making</td>
<td>10</td>
<td>32</td>
<td>65138</td>
<td>79773</td>
<td>136911</td>
<td>1.21</td>
</tr>
<tr>
<td>7. Manufacture of Non-Metallic and Material Products</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Ice Factory</td>
<td>2</td>
<td>9</td>
<td>98070</td>
<td>228475</td>
<td>122406</td>
<td>2.25</td>
</tr>
<tr>
<td>b. Stone Crusher/ Stone Works</td>
<td>3</td>
<td>17</td>
<td>92500</td>
<td>150555</td>
<td>66055</td>
<td>1.11</td>
</tr>
<tr>
<td>c. Brick Making</td>
<td>1</td>
<td>9</td>
<td>852760</td>
<td>935740</td>
<td>349440</td>
<td>1.10</td>
</tr>
<tr>
<td>d. Cold Drinks</td>
<td>1</td>
<td>4</td>
<td>104900</td>
<td>104400</td>
<td>106700</td>
<td>1.44</td>
</tr>
<tr>
<td>e. Chalk Making</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>8. Manufacture of Basic Metal and Allied Industries</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Iron &amp; Steel Industry</td>
<td>2</td>
<td>19</td>
<td>289800</td>
<td>315970</td>
<td>26170</td>
<td>1.03</td>
</tr>
<tr>
<td>b. Steel Fabrication</td>
<td>2</td>
<td>9</td>
<td>1558300</td>
<td>1576330</td>
<td>20030</td>
<td>1.01</td>
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<tr>
<td>9. Manufacture of Metal Products and Parts</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Blacksmith and Finsality</td>
<td>5</td>
<td>15</td>
<td>70200</td>
<td>103863</td>
<td>33563</td>
<td>1.46</td>
</tr>
<tr>
<td>b. Aluminum Works</td>
<td>1</td>
<td>3</td>
<td>59580</td>
<td>73986</td>
<td>14406</td>
<td>1.24</td>
</tr>
</tbody>
</table>

contd...
### Name of Laticoie and Trade

<table>
<thead>
<tr>
<th>Sample Units Employed</th>
<th>Annual Average Cost/Unit</th>
<th>Annual Average Output/Unit</th>
<th>Annual Average Profit/Unit</th>
<th>Profit per 10% of Investment</th>
</tr>
</thead>
</table>

10. Manufacture of Leather Goods and Repairing

**a. Shoe Making and Repairing**

| 2 | 14 | 960.00 | 360.00 | 9.18% | 1.84 | 54.9% |

11. Service Based Industries

**a. Tailoring**

| 46 | 180 | 420.60 | 725.20 | 192.60 | 1.67 | 48.47 |

**b. Knitting**

| 13 | 35 | 314.80 | 1472.42 | 65.32 | 1.31 | 80.1 |

**c. Beauty Parlour**

| 3 | 5 | 225.00 | 413.80 | 195.00 | 1.63 | 75.86 |

**d. Automobile Repairing & Servicing**

| 3 | 56 | 162.00 | 655.78 | 193.78 | 2.12 | 117.31 |

**e. Scooter/Wheel Repairing & Servicing**

| 2 | 7 | 75.00 | 155.00 | 7.50 | 1.99 | 72.83 |

**f. Diesel Injection, Pump Repairing & Servicing**

| 2 | 2 | 29.80 | 68.80 | 37.50 | 2.28 | 127.60 |

**g. Electronics Goods Repairing & Servicing**

| 5 | 11 | 459.60 | 657.67 | 149.87 | 1.43 | 42.11 |

**h. Watch Repairing & Servicing**

| 1 | 3 | 724.00 | 1224.80 | 504.80 | 1.69 | 69.15 |

**i. Refrigerator Repairing & Servicing**

| 1 | 2 | 407.00 | 56.72 | 18.07 | 1.39 | 39.42 |

**j. Cycle & Petrol Pump Repairing & Servicing**

| 1 | 2 | 259.00 | 640.00 | 1150.00 | 1.97 | 51.11 |

**k. Typewriter Repairing & Servicing**

| 4 | 2 | 480.00 | 680.00 | 2163.01 | 1.45 | 45.06 |

**l. Dentist Clinic**

| 1 | 2 | 259.00 | 403.20 | 229.00 | 1.52 | 109.90 |

**m. Dry Cleaning**

| 35.00 | 451.00 | 10.01 | 28.86 |

**n. Hotel and Restaurant**

| 1 | 3 | 80.00 | 101.00 | 310.00 | 1.38 | 38.43 |

**o. Printing and Art**

| 2 | 12 | 114.00 | 142.00 | 275.00 | 1.24 | 23.99 |

**p. Jewellery**

| 1 | 1 | 250.00 | 766.28 | 3062.88 | 2.01 | 191.45 |

**q. Dressing**

| 4 | 2 | 212.00 | 821.78 | 3997.88 | 1.24 | 23.55 |

**r. Radio and Tape Recorder Repairing & Servicing**

| 1 | 8 | 196.00 | 153.00 | 45.00 | 1.44 | 41.44 |

**s. Opticians**

| 3 | 7 | 531.00 | 801.58 | 3205.80 | 1.67 | 67.76 |