APPENDIX-I
TANNING INDUSTRY... IN KOLHAPUR DISTRICT
A) SCHEDULE FOR TANNERS
PART-I FAMILY BACKGROUND

1) House-holder's Interview Number--------Village--------Taluka--------District.
2) Name of the house-holder Mr./Mrs.-----------------------------Religion--------Caste--------Mother tongue--------
3) Interview contact
A) Planned  (B) Random
4) Respondent - (A) House holder  (B) Other
If the respondent is other than the house holder his relation to the house-holder

PART-I FAMILY BACKGROUND

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name</th>
<th>Relation to the householder</th>
<th>Education</th>
<th>Sex</th>
<th>Age</th>
<th>Marital Status</th>
<th>Tanning Business</th>
<th>Other Business</th>
<th>Service</th>
</tr>
</thead>
<tbody>
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</table>

PART-II TANNING PROCESS

1) When did your start this Tanning business? Year-------
2) What is the purpose behind your entrance into this business?
   A) Traditional Business ( )
   B) Business of Liking ( )
   C) Beneficial Business ( )
   D) Source of Livelihood ( )
   E) Other ( )
3) Who is the owner of the land, which is used for your business?
   A) Self owned land ( )
   B) Land taken from relatives ( )
   C) Land taken on rent from others ( )
   D) Land taken on rent from Government ( )
4) What are the facilities available in this plant?
   A) Shed
   B) Lime Tanks
   C) Wooden Tanks and Cement Tanks
   D) Clay Tanks (Mandane)
   E) Liquid Tanks (Ubharan)
   F) Water Supply (Tap connection)
   G) Electric Connection
   H) Babhul-bark Crushing machine
   I) Myrobalan Crushing Machine
   J) Electric Motor
   K) Boring Well and Pump
   L) Other

5) From whom do you purchase the raw hides and skins?
   A) Butchers ( )
   B) Mahar Trader ( )
   C) Mang Trader ( )
   D) Others ( )

6) How many pieces of raw hides and skins do you purchase per week?

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>She Buffalo</td>
<td></td>
</tr>
<tr>
<td>He Buffalo</td>
<td></td>
</tr>
<tr>
<td>Cow</td>
<td></td>
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<tr>
<td>Bullock</td>
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<tr>
<td>Calf</td>
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<tr>
<td>Buffalo Calf</td>
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<tr>
<td>Goat</td>
<td></td>
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<tr>
<td>Sheep</td>
<td></td>
</tr>
</tbody>
</table>

7) From which market do you purchase raw hides and skins?
   A) Local Market ( )
   B) Markets from nearest places ( )
   C) District Market ( )
   D) Markets from other Districts ( )
   E) Bombay Market ( )
   F) Markets from other States ( )

8) How do you purchase the raw hides and skins?
   A) On estimation ( )
   B) By weight ( )
   C) Any other method ( )

9) How many raw hides and skins (of dead/slaughtered animals) do you purchase per week?

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dead (Mudadari)</td>
<td></td>
</tr>
<tr>
<td>Slaughtered (Halall)</td>
<td></td>
</tr>
</tbody>
</table>

10) In which season are raw hides and skins available in large numbers in the market?
   A) Summer ( )
   B) Rainy season ( )
   C) Winter ( )
11) Which factors do you take into consideration in determining the price of raw hides and skins? (Give preferences)

A) Weight ( )
B) Size ( )
C) Proper Surface ( )
D) Freshness ( )
E) Scientific feeding of Carcass ( )
F) Application of Salt ( )
G) Any Other ( )

12) What are the causes of damage to raw hides and skins?

A) Raw hide and skin is kept in the sun for a long time ( )
B) Improper application of salt ( )
C) Late liming ( )
D) Raw hide and skin is kept in lime for a long period of time ( )
E) Raw hide and skin is kept in liquid of babhul-bark and myrobalan for a long period of time ( )

13) During the last year, how many times were the raw hides and skins damaged?

How many hides and skins were damaged? ————
How much was the loss in Rupees? ————

14) What barks do you use for tanning of raw hides and skins?

A) Bark of Oak Tree ( )
B) Bark of Turwad Tree ( )
C) Bark of Babhul Tree ( )
D) Bark of any Other Tree ( )

15) If you are using Babhul bark, from whom do you purchase it?

Dhopi Rate | Crushed Rate
Rupees | Rupees
A) Farmer ( )
B) Trader ( )
C) Middle-men ( )
D) Others ( )

16) From which market do you purchase the Babhul-bark?

A) Local Market ( )
B) District Market ( )
C) Markets from Other Dist. ( )
D) Markets from Other State ( )

17) From whom do you purchase Myrobalan?

Rate per Quintal | Rate per Bag
Rupees | Rupees
A) Trader ( )
B) Co-operative Society ( )
C) Government Agency ( )
D) Others ( )

18) From whom do you purchase lime stone?

Rate per Kg
(Rupees)
A) Lime Burners ( )
B) Middle-men ( )
C) Other Traders ( )

19) From whom do you purchase Agave?

Rate for bundle of 100 Agave
(Rupees)
A) Mang Sellers ( )
B) Middle-men ( )
C) Other Traders ( )

20) How many days are required for tanning raw hides and skins?

Days required | Species
She Buffalo (D) Bullock
He Buffalo (E) Calf
Cow (F) Buffalo Calf
Goat (H) Sheep

21) How many pieces of raw hides and skins do you tan per week?

<table>
<thead>
<tr>
<th>Species</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>She Buffalo</td>
<td></td>
</tr>
<tr>
<td>He Buffalo</td>
<td></td>
</tr>
<tr>
<td>Cow</td>
<td></td>
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<tr>
<td>Bullock</td>
<td></td>
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<tr>
<td>Calf</td>
<td></td>
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<tr>
<td>Buffalo Calf</td>
<td></td>
</tr>
<tr>
<td>Goat</td>
<td></td>
</tr>
<tr>
<td>Sheep</td>
<td></td>
</tr>
</tbody>
</table>

22) Which of the following transactions do you do on Co-operative basis?

A) Purchase of raw hides and skins ( )
B) Purchase of Babhul-bark ( )
C) Purchase of Myrobalan ( )
D) Purchase of lime stone and agave ( )
E) Tanning of hides and skins ( )

23) Why is Co-operative transaction not done in tanning and marketing of tanned leather?

A) Huge capital is required for co-operative leather tanning ( )
B) Babhul-bark is not available in sufficient quantity ( )
C) Previous experience of co-operative transaction is not satisfactory ( )
D) Efficient leadership has not emerged ( )
24) Which are the By-products from your business?

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hair</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hair and lime mixed manure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flesh scraped from hides</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spent tan-stuff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

25) Where is the present location of your tanning plant?

A) In the centre of the village or city ( )
B) On the out-skirts of the village or city ( )

26) In which direction is your tanning plant located?

A) To the East ( )
B) To the West ( )
C) To the South ( )
D) To the North ( )

27) Whether the present land is sufficient for your business?

A) Yes ( )
B) No, ( )

If the answer is "No" where would you like to get substitute land?

28) Whether the present location of your tanning plant is satisfactory?

A) Yes ( )
B) No ( )

29) Where is the present location of your tanning plant?

A) In the centre of the village or city ( )
B) On the out-skirts of the village or city ( )

30) In which direction is your tanning plant located?

A) To the East ( )
B) To the West ( )
C) To the South ( )
D) To the North ( )

31) Whether the present land is sufficient for your business?

A) Yes ( )
B) No, ( )

If the answer is "No" where would you like to get substitute land?

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**PART-III ECONOMIC**

1) What are the main sources of capital for your business?

- Own Capital
- Local Money Lender
- Relatives
- Bhikal,Chit Fund
- Co-operative Credit Society

2) Have you taken subsidy for your business?

A) Yes ( )
B) No ( )

If the answer is "Yes", From which Agency (Name) ————

How much amount Rupees ————-Year.. .How many times———

3) How much is the fixed capital investment in your business?

- Land
- Lime Tanks
- Clay Tanks (Mandane)
- Other Tools and Instruments

4) Whether the fixed capital investment is recovered from your business?

A) Yes ( )
B) No ( )

5) How much is the annual floating capital investment in your business?

- Raw hides and skins
- Myrobalan
- Wages
- Water charges
- Transport Costs

6) How do you purchase the raw material?

A) By Cash Payment ( )
B) On Credit ( )
C) partly in Cash and Partly on Credit ( )

7) Which financial problems do you face?

A) Delay in sanctioning loans ( )
B) Inadequacy of loans ( )
C) Non timely supply of loans ( )
D) High-rate of Interest ( )
E) Rise in the price of raw material in busy season ( )

8) How much weekly income do you get from the sale of tanned leather?

Rupees ————
9) How much is the Annual Profit/Loss in your business?
Rupees --------

10) If there is a loss in your business, what are the causes responsible for it?
A) ------------
(B) -----------------------
(C) ------------

11) What are your suggestions for the economic viability of tanning industry?
A) A need for more subsidy ( )
B) Price control of raw materials ( )
C) Fixing the selling price of tanned leather ( )
D) Availability of loan at low rates of interest ( )
E) Training facilities for the workers ( )
F) Insurance of the workers ( )
G) Any other ( )

HOUSEHOLD INCOME AND EXPENDITURE

A) HOUSEHOLD ANNUAL INCOME

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1) Annual Income from Tanning Unit</td>
<td>Rupees</td>
<td>Rupees</td>
</tr>
<tr>
<td>2) Total Expenditure of Tanning Unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1 Raw Material</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A) Raw Hides</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B) Babhul Bark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C) Myrobalan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D) Lime-stone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E) Agave</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F) Other Expenses</td>
<td></td>
<td></td>
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<tr>
<td>2.2 Wages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3 Energy and Fuel</td>
<td></td>
<td></td>
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<tr>
<td>2.4 Interest</td>
<td></td>
<td></td>
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<tr>
<td>2.5 Transport Expenses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.6 Repair of Machines and implements</td>
<td></td>
<td></td>
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<tr>
<td>2.7 Other Expenses</td>
<td></td>
<td></td>
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<tr>
<td>2.8 Total Expenditure</td>
<td></td>
<td></td>
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</tbody>
</table>

3) Net Income from Tanning Unit (1-2)

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>3.1 Net Income from Agriculture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2 Net Income from Livestock</td>
<td></td>
<td></td>
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<tr>
<td>3.3 Net Income from Trade</td>
<td></td>
<td></td>
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<tr>
<td>3.4 Net Income from Service</td>
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<tr>
<td>3.5 Net Income from Other Sources (Name)</td>
<td></td>
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</table>

Total Annual Income of Household (Total of 3 to 3.5)

HOUSEHOLD ANNUAL EXPENDITURE

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1) Foodgrains(Grains,Milk,Meat) Vegetables, Spices etc.</td>
<td></td>
<td></td>
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<tr>
<td>2) Cloth</td>
<td></td>
<td></td>
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<tr>
<td>3) Education</td>
<td></td>
<td></td>
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<tr>
<td>4) House Rent (Tax)</td>
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<tr>
<td>5) Medical Expenses</td>
<td></td>
<td></td>
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<tr>
<td>6) Transport and Travelling</td>
<td></td>
<td></td>
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<tr>
<td>7) Repair of House</td>
<td></td>
<td></td>
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<tr>
<td>8) Expenses on Festivals,Fairs,Gifts</td>
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<tr>
<td>9) Expenses on T.V.,Scooter,Refrigerator Motor car,Furniture etc.</td>
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<tr>
<td>10) Expenses on News papers, Magazines etc.</td>
<td></td>
<td></td>
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<tr>
<td>11) Court Litigations</td>
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<tr>
<td>12) Expenses on Cosmetic</td>
<td></td>
<td></td>
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<tr>
<td>13) Unexpected Expenditure</td>
<td></td>
<td></td>
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<tr>
<td>14) Other Expenses</td>
<td></td>
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<tr>
<td>15) Total Expenditure of Household (1 to 14)</td>
<td></td>
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<tr>
<td>16) Total Savings=Total Income-Total Expenditure</td>
<td></td>
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<tr>
<td>Rs.--- = Rs.--- = Rs.---</td>
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</table>

17) Types of Savings Period

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>A) Deposits in Banks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B) Deposits in Post-Office</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C) Investment in Insurance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D) Investment in Units</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E) Investment in Shares</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F) Investment in Debentures</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G) Any Other</td>
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</tbody>
</table>
PART-IV - TANNED LEATHER SELLING MARKET

1. Where do you sell the tanned leather? (Give Preference)
   A) Local Market [ ]
   B) District Market [ ]
   C) Markets from Other Districts [ ]
   D) Bombay Market [ ]
   E) Markets from Other States [ ]

2. How many pieces of tanned leather do you sell per week?

<table>
<thead>
<tr>
<th>Quantity</th>
<th>She Buffalo</th>
<th>He Buffalo</th>
<th>Cow</th>
<th>Bullock</th>
<th>Calf</th>
<th>Buffalo Calf</th>
<th>Goat</th>
<th>Sheep</th>
</tr>
</thead>
</table>

3. What method do you adopt in selling tanned leather?
   A) On Estimation [ ]
   B) By Weight [ ]
   C) Any Other Method [ ]

4. How do you sell the tanned leather?
   A) By Cash Payment [ ]
   B) On Credit [ ]
   C) Partly in Cash and Partly on Credit [ ]

5. If you are selling the tanned leather on credit, within how many days do you receive the money back?
   A) 1 to 7 days [ ]
   B) 8 to 14 days [ ]
   C) 15 to 21 days [ ]
   D) 21 to 30 days [ ]
   E) More than 30 days [ ]

6. What facilities are available in the District market?
   A) Shed [ ]
   B) Balance and Weights [ ]
   C) Godowns (Ware-houses) [ ]
   D) Rest-house [ ]
   E) Availability of Coolies [ ]
   F) Availability of transport vehicles [ ]
   G) Any other facilities. [ ]

7. Which transport vehicle do you use to carry the tanned leather to the District market?
   A) Bullock-cart [ ]
   B) Tempo [ ]
   C) Truck [ ]
   D) S.T.Bus [ ]
   E) Other [ ]

8. Whether the District market is at a convenient place?
   A) Yes [ ]
   B) No [ ]

9. If the answer is "No" where should be the new market located?----------

10. What problems do you face in the District tanned leather market?
    A) Taned leather is sold in the open on roads [ ]
    B) Godowns are not available [ ]
    C) Accommodation for shops are not available [ ]
    D) Balance and weights are not available in the market [ ]
    E) Rest-houses are not available [ ]

PART -V- LABOUR

1. Do you employ outside workers?
   A) Yes [ ]
   B) No [ ]

2. If the answer is "Yes" where do you get the skilled workers from?
   A) Local [ ]
   B) From the District [ ]
   C) From Other District [ ]
   D) From Other States [ ]

3. How do you assign the work to the workers?
   A) Full Time Male Female
   B) Part Time
   C) Daily Basis work
   D) Piece work

4. What work do the female workers do? (Give preferences)
   A) Crushing Babhul Bark [ ]
   B) Crushing Myrobalan [ ]
   C) Drying spent tan stuff [ ]
   D) Any Other [ ]

5. How are wages paid to the female workers?
   A) Daily Wage [ ]
   B) Piece work wage [ ]

6. Do you use any machine for crushing myrobalan?
   A) Yes [ ]
   B) No [ ]
7) What problems do you face in regard to the workers?

A) Non availability of skilled workers ( ) (B) Lack of punctuality in workers ( )
C) Advance payments to workers ( ) (D) Absenteeism of workers ( )
E) Bad habits among workers ( ) (F) Migratory tendency of workers ( )
G) Any other ( )

PART-VI-GENERAL

1) Do you feel that the future prospects of your business are bright?
A) Yes ( )  (B) No ( )

2) Do you feel that your children should enter this business?
A) Yes ( )  (B) No ( )

3) What is the attitude of the society towards your business?
A) Positive ( )  (B) Negative ( )

4) Do you know the various Government Schemes to help your business?
A) Yes ( )  (B) No ( )

5) Do you know that for the progress of tanning industry, seminars are held at district levels?
A) Yes ( )  (B) No ( )

6) Have you participated in any such seminars?
A) Yes ( )  (B) No ( )

7) Do you think that these seminars are useful?
A) Yes ( )  (B) No ( )

8) You have been working in this business for long. Has it adversely affected your health?
A) Yes ( )  (B) No ( )

9) Give some suggestions for the progress of tanning industry in Kolhapur District.
A) ( )  (B) ( )  (C) ( )  (D) ( )

TANNING INDUSTRY IN KOLHAPUR DISTRICT

PART-I- FAMILY BACKGROUND

1) Name of the house holder Mr/Mrs. ____________

2) Religion ____________

3) Caste ____________

4) Mother tongue ____________

5) Interview contact
A) Planned ( )  B) Random ( )

6) Respective: (A) House-holder  (B) Other ( )

7) If the respondent is other than the house holder his relation to the house-holder ____________

8) Age ____________

FAMILY INFORMATION

Sr.No.  Name  Relation to the  Education  Sex  Age  Marital Status  Business of  Other Service
householder

1) When did you start this leather business? Year ____________

2) What are the reasons behind your entrance into this business?
A) Traditional Business ( )  (B) Business of Liking ( )
C) Beneficial Business ( )  (D) Source of Livelihood ( )
E) Other ( )

3) Who is the owner of the land, which is used for your business?
A) Self-owned land ( )  (B) Relative's land ( )
C) Rental land from others ( )  (D) Rental land from Government ( )

4) What are the facilities available in this plant? How much is the fixed capital investment in this plant?

<table>
<thead>
<tr>
<th>Name</th>
<th>Number</th>
<th>Price (Rupees)</th>
<th>Name</th>
<th>Number</th>
<th>Price (Rupees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shed</td>
<td>G</td>
<td></td>
<td>Iron Spikes (Aari)</td>
<td>J</td>
<td></td>
</tr>
<tr>
<td>Sewing Machine</td>
<td>H</td>
<td></td>
<td>Currying Instrument (Rapi)</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Grinder</td>
<td>L</td>
<td></td>
<td>Hingari Poger</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Water Supply</td>
<td>E</td>
<td></td>
<td>Grubbing hoe (Khurape)</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Electric Connection</td>
<td>K</td>
<td></td>
<td>4&quot; thick slab of Stone</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Hasti</td>
<td>N</td>
<td></td>
<td>Compass</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Anvil</td>
<td>M</td>
<td></td>
<td>Pincers</td>
<td>F</td>
<td></td>
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<tr>
<td>Other</td>
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</tbody>
</table>

5) From which market do you purchase the tanned leather?
A) Local Market ( )  (B) Markets from nearest places ( )
C) District Market ( )  (D) Markets from Other Districts ( )
E) Markets from Other States ( )

6) How many pieces of tanned leather do you purchase per week?

Quantity

She Buffalo  He Buffalo  Cow  Bullock  Calf  Buffalo Calf  Goat  Sheep
7) How do you purchase the tanned leather?
   A) By Cash Payment
   B) On Credit
   C) Partly in Cash and Partly on Credit

8) What method do you adopt in purchasing tanned leather?
   A) On Estimation
   B) By Weight
   C) Any Other Method

9) How much is the floating capital investment in your business?

   A) Tanned leather
   B) Chrome leather sheet
   C) Wages of workers
   D) Electricity charge
   (Gross Panchayat, Municipality, Corporation etc.)
   E) Others

10) What leather goods do you produce?

   A) Leather Chappals
   B) Leather Shoes

11) How do you produce the leather chappals and Shoes?

   A) By Owner himself
   B) By Owner and Workers
   C) By Workers

12) If you employ workers how is the wages paid?

   A) Time Wages
   B) Piece Wages
   C) Any Other

13) Where do you sell the Chappals and Shoes?

   A) Local Market
   B) Weekly Markets at nearby places
   C) District Market
   D) Markets from other Districts
   E) Markets from Other States
   F) Foreign Markets

14) How much annual income do you get from the sale of Chappals and Shoes?

15) How much is the Annual Profit or Loss in your business? Rupees----------

16) Do you feel that the future prospects of your business are bright?

   A) Yes
   B) No

17) Do you feel that your children should enter this business?

   A) Yes
   B) No

18) What is the attitude of the society towards your business?

   A) Positive
   B) Negative

19) Whether the present land is sufficient for your business?

   A) Yes
   B) No

20) What are the main sources of capital for your business?

   A) Own capital
   B) Local Money Lender
   C) Relatives
   D) Bhishi, Chit Fund
   E) Co-operative Credit Society
   F) Public Agencies (Corporations)
   G) Co-operative Banks
   H) Nationalised Banks
   I) Other Sources

21) Have you taken subsidy for your business?

   A) Yes
   B) No

22) Which financial problems do you face?

   A) Delay in sanctioning loans
   B) Inadequacy of loans
   C) Non timely supply of loans
   D) High rates of interest
   E) Rise in the price of tanned leather in busy season
   F) Any other

23) What problems do you face in the tanned leather market?

   A) Sale of moist tanned leather
   B) Low quality of tanned leather
   C) Lack of Storage facility
   D) Lack of means of transport
   E) Any Other

24) What problems do you face in the Footwear market?

   A) High cost of production of leather footwears
   B) Low demand for leather footwears
   C) Competition with plastic and rubber footwears
   D) Continuous change in Footwear fashions
   E) Increasing demand for sport shoes
   F) Leather chappals and shoes are less attractive
   G) Any Other

25) What problems do you face in regard to workers?

   A) Non availability of Skilled Workers
   B) Lack of Punctuality
   C) Advance Payments
   D) Absenteeism
   E) Bad habits among workers
   F) Migratory tendency
   G) Any Other
26) Do you feel that the female workers are more useful than the male workers?
   A) Yes ( ) (B) No ( )
   27) Which of the following Corporations helped your business?
   A) Khadi and Village Industries Development Corporation ( )
   B) Mahatma-Phule Backward Class Development Corporation ( )
   C) Leather Industries Development Corporation of Maharashtra (LIDCOM) ( )
   D) Small-Scale Industries Development Corporation ( )
   E) Any Other
   28) What are your opinions about the economic viability of leather industry?
   A) A need for more subsidy ( )
   B) Price control of tanned leather by the Government ( )
   C) Fixing the selling price of leather footwear ( )
   D) Availability of loans at low rates of interest ( )
   E) More training facilities for the workers ( )
   F) Insurance of the workers ( )
   G) More facilities for the export of leather-footwears ( )
   H) LIDCOM should purchase leather footwear, leather articles and sell them in the market ( )
   I) Any Other ( )

TANNING INDUSTRY IN KOLHAPUR DISTRICT
C) SCHEDULE FOR BUTCHERS
PART-I - FAMILY BACKGROUND
1) House-holder's Interview Number-------Village-------Taluka-------District
2) Name of the house-holder Mr./Mrs.----------------Religion-------Caste-------Mother tongue-------
3) Interview contact : A) Planned (B) Random
4) Respondent- (A) House-holder (B) Other
   If the respondent is other than the house holder his relation to the house holder,--------Age--------
   FAMILY INFORMATION
   Sr.No. Name Relation to the household Education Sex Age Marital status and skin producing Raw hide Other Business Service Business

PART-II INFORMATION REGARDING RAW HIDES AND SKINS BUSINESS
1) When did you start this business? Year--------
   2) What is the purpose behind your entrance into this business?
   A) Traditional Business ( ) B) Business of Liking ( )
   C) Beneficial Business ( ) D) Source of Livelihood ( )
   E) Other ( )
3) Who is the owner of the land, which is used for your business?
   A) Self owned land ( ) B) Relative's land ( )
   C) Rental land from others ( ) D) Rental land from Government ( )
4) Do you have a Government Licence for Slaughtering the Cattle?
   A) Yes ( ) (B) No ( )
5) How is the place of Slaughter?
   A) Open ( ) (B) Closed ( )
6) Where is the present place of cattle slaughtering?
   A) In the centre of the village or city ( ) B) On the outskirts of the village or city ( )
7) In which direction of the village or city, is the present place of cattle slaughtering located?
   A) To the East ( ) (B) To the West ( ) (C) To the South ( ) (D) To the North ( )
8) From whom do you purchase cattle for getting raw hides?
   A) Local Market ( ) (B) Markets from nearest places ( )
   C) District Market ( ) (D) Markets from Other Districts ( )
   E) Bombay Market ( ) (F) Markets from Other States ( )
9) From which market do you purchase cattle?
   A) Local Market ( ) (B) Markets from nearest places ( )
   C) District Market ( ) (D) Markets from Other Districts ( )
   E) Bombay Market ( ) (F) Markets from Other States ( )
10) How many cattle do you slaughter per week and sell hides and skins?
   She Buffalo He Buffalo Cow Bullock Calf Buffalo Calf Goat Sheep
   Quantity

11) What kind of cattle do you slaughter?
   A) Young -Strong ( ) (B) Old ( ) (C) Diseased ( )
12) To whom do you sell raw hides and skins?
   A) Farmers ( ) (B) Traders ( ) (C) Middlemen (D) Others ( )
   E) Traders from other Districts ( ) (F) Traders from Madras ( )
13) How do you sell raw hides and skins?
A) On Estimation ( ) (B) By Weight ( ) (C) Any Other Method ( )

14) What is the price of raw hides and skins?
<table>
<thead>
<tr>
<th>On Estimation</th>
<th>By Weight</th>
<th>On Estimation</th>
<th>By Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Price-per Piece)</td>
<td>(Price per Kg)</td>
<td>(Price-per Piece)</td>
<td>(Price per Kg)</td>
</tr>
<tr>
<td>Rupees</td>
<td>Rupees</td>
<td>Rupees</td>
<td>Rupees</td>
</tr>
</tbody>
</table>
A) She Buffalo | B) He Buffalo | C) Cow | D) Bullock |
E) Calf | F) Buffalo Calf | G) Goat | H) Sheep |

15) Do you do the transaction of purchase of cattle and sale of raw hides and skins on Co-operative basis?
A) Yes ( ) (B) No ( )

16) How do you sell raw hides and skins?
A) By Cash Payment ( ) (B) On Credit ( ) (C) Partly in Cash and Partly on Credit ( )

17) Have you taken training for proper flaying of carcasses?
A) Yes ( ) (B) No ( )

18) What measures do you take for increasing the durability of raw hides and skins?
A) Keeping the raw hides and skins away from the sun ( )
B) Immediate application of salt to raw hides and skins ( )
C) Keeping the hides and skins in ice ( )
D) Keeping the hides and skins in the cool boxes (Freezers) ( )

19) How much Annual income do you get from the sale of raw hides and skins? Rupees,--------------

20) What is the share of the following products in your annual income from cattle?

<table>
<thead>
<tr>
<th>Products</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Hide</td>
<td>B) Flesh</td>
</tr>
<tr>
<td>C) Tallow</td>
<td>D) Bones</td>
</tr>
<tr>
<td>E) Horns</td>
<td>F) Hoof</td>
</tr>
<tr>
<td>G) Others</td>
<td></td>
</tr>
</tbody>
</table>

21) How much is the Fixed Capital investment in your business?

<table>
<thead>
<tr>
<th>Sources</th>
<th>Rupees</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Own Capital</td>
<td></td>
</tr>
<tr>
<td>B) Local Money Lender</td>
<td></td>
</tr>
<tr>
<td>C) Relatives</td>
<td>D) Bhils, Chit Fund</td>
</tr>
<tr>
<td>E) Co-operative Credit</td>
<td>F) Public Agencies</td>
</tr>
<tr>
<td>F) (Corporations)</td>
<td></td>
</tr>
<tr>
<td>G) Co-operative Banks</td>
<td>H) Nationalised Banks</td>
</tr>
<tr>
<td>I) Other Sources</td>
<td></td>
</tr>
</tbody>
</table>

22) If a separate slaughter house is there what are the facilities available in it?
A) Water Supply ( ) B) Electricity ( )
C) Medical Check-up of Cattle by Veterinarians ( ) D) Proper drainage for waste water ( )
E) Accommodation for Shops ( ) F) Immediate Picking up of Wastes by authorities concerned ( )

23) What are the main sources of capital for your business?

<table>
<thead>
<tr>
<th>Sources</th>
<th>Rupees</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Own Capital</td>
<td></td>
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<tr>
<td>B) Local Money Lender</td>
<td></td>
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<tr>
<td>C) Relatives</td>
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<td>E) Co-operative Credit</td>
<td>F) Public Agencies</td>
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<tr>
<td>F) (Corporations)</td>
<td></td>
</tr>
<tr>
<td>G) Co-operative Banks</td>
<td>H) Nationalised Banks</td>
</tr>
<tr>
<td>I) Other Sources</td>
<td></td>
</tr>
</tbody>
</table>

24) Have you taken subsidy for your business?
A) Yes ( ) (B) No ( )

1) From which agency? (Name)----
B) How much amount? (Rupees)-------

11) How many times? -------

25) Which financial problems do you face?
A) Delay in sanctioning loans ( ) B) Inadequacy of loans ( )
C) Non-timely supply of loans ( ) C) High rates of Interest ( )
D) Any other ( )

26) Which marketing problems do you face?
A) Problem of cattle transport ( ) B) Problem of transport of hides and skins ( )
C) Cheating by middle-men ( ) D) Others ( )

27) Do you employ outside workers?
A) Yes ( ) (B) No ( )

28) If the answer is "Yes" are there any difficulties in getting workers?
A) Yes ( ) (B) No ( )

29) If the answer is "Yes", what are those difficulties?
A) (B) (C) (D) -------

30) What are your suggestions for the economic viability of your business?
A) A need for more subsidy ( ) B) Price control of cattle ( )
C) Fixing the selling price of raw hides and skins ( )
D) More water supply to the slaughter houses ( )
E) Others-Closed drainage system ( )

31) Whether the management of waste water in your business is satisfactory?
A) Yes ( ) (B) No ( )

32) Do you feel that there is environmental pollution due to your business?
A) Yes ( ) (B) No ( )

If the answer is "Yes", what measures should be adopted?
A) (B) (C) (D) -------
33) Do you feel that the future prospects of your business are bright?
A) Yes ( ) (B) No ( )

34) Do you feel that your children should enter this business?
A) Yes ( ) (B) No ( )

Please give reasons in support of your answer.

35) What is the attitude of the society towards your business?
A) Positive ( ) (B) Negative ( )

36) Give some suggestions for the progress of raw hide and skins business in Kolhapur District
A)----------(B)----------(C)----------(D)----------

TANNING INDUSTRY IN KOLHAPUR DISTRICT

D) SCHEDULE FOR WORKERS, WHO ARE WORKING IN THE TANNING BUSINESS

PART-I FAMILY BACKGROUND

1) House-holder's Interview Number-------Village-------Taluka-------District

2) Name of the house-holder Mr./Mrs.--------Religion--------Caste--------Mother Tongue--------

3) Interview contact : A) Planned (B) Random

4) Respondent : (A) House holder (B) Other

If the respondent is other than the house holder, his relation to the house-holder.--------Age--------

5) FAMILY INFORMATION

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Name</th>
<th>Relation to the house holder</th>
<th>Education</th>
<th>Sex</th>
<th>Age</th>
<th>Marital status</th>
<th>Tanning Business</th>
<th>Other Business</th>
<th>Service</th>
</tr>
</thead>
</table>

PART-II INFORMATION OF WORKERS

1) How long have you been working in the tanning business? Year--------

2) Why did you choose to work in the tanning business?
A) No traditional source of income ( ) B) Father was working in the tanning business as a worker ( )
C) Could not complete the education ( ) D) Work of liking ( )
E) Non availability of any other occupation ( ) F) Other job ( )

3) What is the nature of your work?(Male Workers)
A) Liming the hides and skins and other related processes ( )
B) Drenching of hides and skins in tan liquor, preparing hide bags and other related processes ( )
C) Any type of work ( )

4) How do you get the wage for the above work?.
A) Daily wage ( ) B) Piece Work Wage ( )
C) Any other Mode ( )

5) Does any other member of your family work in the tanning business?
A) Mother ( ) B) Father ( )
C) Wife ( ) D) Son ( )
E) Daughter-in-law ( ) F) Daughter ( )

6) What work do the female workers do?(Give preferences)
A) Crushing the Babhul Bark ( ) B) Crushing the Myrobalan ( )
C) Drying Spent Tan-Stuffs ( ) D) Any other Work ( )

7) How is the wage fixed for the above work?

<table>
<thead>
<tr>
<th>Rate per full</th>
<th>Rate per Quintal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bullock cart</td>
<td>Rupees</td>
</tr>
<tr>
<td>Quintal</td>
<td>Rupees</td>
</tr>
</tbody>
</table>

A) Crushing Babhul Bark
B) Crushing Myrobalan
C) Drying Spent Tan-Stuffs

8) What type of work do you do?(Male Worker)

<table>
<thead>
<tr>
<th>Rate of work</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Rate of work</td>
</tr>
</tbody>
</table>

9) A) How many days in a week are you employed on the work?---------
B) How much weekly wage do you get? Rupees--------
Can you meet your family expenses with this wage?
A) Yes ( ) (B) No ( )

If the answer is "no", what are the other sources of your income?
A) (B) (C) (D) 

Who owns the tools and implements which you use?
A) Your-self ( ) (B) Owner of Tannery ( )

What tools and implements do you own?
A) Iron spikes (Aarli) ( ) B) Currying Instrument (Rapi) ( )
C) Fleasheing Knife (Rapa) ( ) D) Unhauling or Shaving Knife (Shimp) ( )
E) Wooden Plank ( ) F) Rubber Hand Gloves ( )
G) Horn ( ) H) Any other ( )

Have you taken any advance from the employer besides the wage?
A) Yes ( ) (B) No ( )

If the answer is "Yes", what are the reasons for taking the advance?
A) For Subsistence ( ) B) For Medical help ( )
C) For the Education of ( ) D) For the Marriage Expenses ( )

Do you own any other ( )

Have you returned the money which was taken as advance?
A) Yes ( ) (B) No ( )

If the answer is "Yes", in what manners?
A) From Wage ( ) B) By taking Loan ( )
C) Other ( )

Have you taken a Life Insurance Policy?
A) Yes ( ) (B) No ( )

If the answer is "Yes", who pays the insurance premium?
A) Your-self ( ) (B) Owner of Tannery ( )

What facilities are provided by the owner to you?
A) Clothes ( ) B) Foodgrains ( )
C) Accommodation ( ) D) Drinking Water ( )
E) Fuel ( ) F) Other ( )

Does the employer participate in your family functions?
A) Yes ( ) (B) No ( )

How does the employer treat you?
A) Lovingly ( ) B) Cruelly ( )

Does any dispute arise between you and the employer?
A) Yes ( ) (B) No ( )

If the answer is "Yes", what are the causes of dispute?
A) Non fixing of wage rate ( ) B) Non payment of bonus ( )
C) Non payment of advance ( ) D) Ill-treatment ( )
E) Bad working conditions ( ) F) Other ( )

Do you desire to get training in tanning?
A) Yes ( ) (B) No ( )

If the answer is "Yes", what type of training do you like to get?
A) (B) (C) (D) 

You have been working in this business for long. Has it adversely affected your health?
A) Yes ( ) (B) No ( )

If the answer is "Yes", give the nature of the adverse effects

What is the attitude of the society towards your work?
A) Positive ( ) (B) Negative ( )

Do you feel that your children should do the traditional work of tanning?
A) Yes ( ) (B) No ( )

Please give reasons in support of your answer
A) (B) (C) (D) 

Give some suggestions for the improvement in your working conditions
A) (B) (C) (D) 

Is there any Trade Union in Tanning Industry?
A) Yes ( ) (B) No ( )

If the answer is "Yes", what facilities are provided to workers by such Trade Unions?
A) (B) (C) (D) 

Do you think that the Trade Unions have succeeded in settlement of industrial disputes between the workers and the employers?
A) Yes ( ) (B) No ( )
TANNING INDUSTRY IN KOLHAPUR DISTRICT

B) SCHEDULE FOR TANNERS WHO HAVE CLOSED DOWN THEIR TANNING BUSINESS

PART-I - FAMILY BACKGROUND

1) House-holder’s Interview Number------Village------Taluka------District
2) Name of the house-holder Mr./Mrs.--------Religion--------Caste--------Mother Tongue--------
3) Interview contact : A) Planned (B) Random
4) Respondent - (A) House-holder (B) Other
   If the respondent is other than the house holder his relation to the house-holder--------Age--------

5) FAMILY INFORMATION

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<tr>
<th>Sr.No.</th>
<th>Name</th>
<th>Relation to the</th>
<th>Education</th>
<th>Sex</th>
<th>Age</th>
<th>Marital Status</th>
<th>Business</th>
<th>Service</th>
</tr>
</thead>
</table>

PART-II - INFORMATION OF TANNERS

1) When were you doing this tanning business ?
   Years - From ------To------

2) What are the various reasons for closing down your business ?
   A) Oldage ( ) B) Ill-health ( )
   C) Children have no interest ( ) D) Little income and little profit from tanning business ( )
   E) Entrance in other business ( ) F) Employment in Other field ( )
   G) Farming ( ) H) Other ( )

3) What are the present main sources of your income ?
   A) ( ) B) ( ) C) ( ) D) ( )

4) How much annual income do you get from the above sources ? Rupees ------

5) Can you meet your family expenses within the present income ?
   A) Yes ( ) (B) No ( )

6) If the answer is "No" what are the other sources of your income ?
   A) ( ) B) ( ) C) ( ) D) ( )

7) Will you or your family members start this closed tanning business once again in future ?
   A) Yes ( ) (B) No ( ).