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## **Appendix-A**

### **Questionnaire**

(This is prepared for the partial fulfillment of the degree of Doctor of Philosophy (Ph.D.) in Economics at Assam University, Silchar on the topic entitled “The Decay of Handloom Industry in the Cachar District of Assam “

An Analysis of the Causal Factors and Socio Economic Impacts. The information collected in this regard would be exclusively used for academic purposes and in no place the reference of the name of any person/body would be made)

**Block .....**

**Village .....**

**1) Name of the weaver:**

**2) Age :**

**3) Sex : Male / Female**

**4) Occupational Status: Permanent / Temporary / Part time**

**5) Preferences**

Use tick ( ) mark wherever applicable

- a) Inherited ( )
- b) Job opportunity ( )
- c) Interest ( )
- d) Migration ( )
- e) Training ( )

**6) Category of weaver**

Use tick ( ) mark wherever applicable

- a) Independent weaver ( )
- b) Master Weaver ( )
- c) Contract weaver ( )
- d) Labour weaver ( )
- e) Left out Weaver ( )

**7) Total no. of working days in a month**

Use tick ( ) mark wherever applicable

- a) 0-10 days ( )
- b) 10-20 days ( )

**8) Days of employment in a year**

Use tick ( ) mark wherever applicable

- a) 151-210 days ( )
- b) 211-270 days ( )

c) 271-330 days ( )

d) 331-365 days ( )

**9) Number of members in the family of the weaver**

Use tick ( ) mark wherever applicable

a) Small (up to 3) ( )

b) Medium (4-6) ( )

c) Large (more than 6) ( )

**10) Family status of the weaver**

Use tick ( ) mark wherever applicable

a) Nuclear ( )

b) Joint ( )

**11) Marital status of the weaver**

Use tick ( ) mark wherever applicable

a) Married( )

b) Unmarried( )

**12) Educational qualification of the weaver**

Use tick ( ) mark wherever applicable

a) Illiterate ( )

b) 1-5<sup>th</sup> class ( )

c) 5-8<sup>th</sup> class ( )

d) 8-10<sup>th</sup> class ( )

e) 10-12<sup>th</sup> class ( )

**13) Educational qualification of the children of weavers**

Educational qualification	No. of children
Illiterate	
literate	

**14) Is there any change in education status due to less income through handloom activities?****15) Is there any change in the recreational facility due to less income through handloom activities?****16) What type of cooking fuel you use****18) Occupation of the other family members (Please specify)**

**19) Whether the weaving income has any impact on the nutritional status of the family?**

Use tick ( ) mark wherever applicable

Yes ( )

No ( )

**20) Whether there is any change in the staple diet over the years**

Use tick ( ) mark wherever applicable

Yes ( )

No ( )

If yes what are the changes

1)

2)

3)

**21) Whether the family members of the weaver get the basic health care facility**

Use tick ( ) mark wherever applicable

Yes ( )

No ( )

**22) Is there any change in the basic health care facility due to less income through handloom activities?**

**23) Status of the domestic house**

Use tick ( ) mark wherever applicable

- a) Kaccha house ( )
- b) Pacca house ( )

**24) Total no of living rooms in their houses**

- a) One room( )
- b) 2-4 rooms( )
- c) More than 4 rooms( )

**25) Amenities**

Use tick ( ) mark wherever applicable

- a) Running water tap ( )
- b) Electricity ( )

**26) Sanitation facility**

Use tick ( ) mark wherever applicable

- a) Household ( )
- b) Common sanitation ( )
- c) Open air ( )

**27) Financing****Initial capital investment**

Use tick ( ) mark wherever applicable

Yes ( )

No ( )

**28) Source of starting capital**

Use tick ( ) mark wherever applicable

a) Own saving ( )

b) Borrowing from friends and family ( )

c) Loan from bank ( )

d) Loan from private money lender ( )

e) Advance from parties ( )

**29) Amount of starting capital**

[Use tick ( ) mark wherever applicable]

a) 500 ( )

b) 1000 ( )

c) 1500 ( )

d) 2000 ( )

e) 2500 ( )

f) 3000 and above ( )

**30) Procurement of raw materials by the weavers****Raw material details****a) Source of procurement**

[Use tick ( ) mark wherever applicable]

1 Master weavers ( )

2 Local dealers ( )

3 Co-operative societies ( )

**b) Quality of Raw Material**

Use tick ( ) mark wherever applicable]

- 1 Poor ( )
- 2 Average ( )
- 3 Good ( )
- 4 Excellent ( )

**c) Availability of raw-material**

Use tick ( ) mark wherever applicable]

- 1 Easily available ( )
- 2 Not easily available ( )

**c) Periodicity of Raw-Material Purchase**

Use tick ( ) mark wherever applicable]

- 1 Fortnightly ( )
- 2 Monthly ( )
- 3 As and when necessary

**d) Problem related to the procurement of raw material**

Use tick ( ) mark wherever applicable]

- 1 Low weaving income ( )
- 2 Less supply of raw material from cooperative societies ( )
- 3 Increase price of raw material ( )



**e) Mode of payment**

Use tick ( ) mark wherever applicable]

1 Cash ( )

2 Credit ( )

3 Both cash & credit ( )

**31) Marketing practices for handloom products**

[Use tick ( ) mark wherever applicable]

**Marketing practices****(a) Selling market**

1 Local market ( )

2 Showrooms ( )

3 Outside state ( )

4 Export ( )

**(b) Frequency of selling**

1 Monthly ( )

2 As and when necessary ( )

3 Weekly ( )

**(c) Marketing channels**

- 1 Master weavers ( )
- 2 Co-operative societies ( )
- 3 Direct selling ( )
- 4 Wholesalers ( )

**(d) Use of marketing channel**

- 1) One channel ( )
- 2) Two channel ( )
- 3) Three channel ( )

**e) Problem related to the marketing**

- 1 Ignorance of the weaver regarding the marketing of the product ( )
- 2 Absence of using proper marketing channel ( )
- 3 Lack of capital ( )

**32) Which type of loom the weaver uses in weaving**

[Use tick ( ) mark wherever applicable]

- a) Country loom ( )
- b) Fly shuttle loom ( )
- c) Lain loom ( )
- d) Pit loom ( )
- e) Power loom ( )

**33) Need to modernisation of old Looms**

Use tick ( ) mark wherever applicable]

Need modernization ( )

Not need ( )

**34) Type of product the weaver generally produces**

a)

b)

c)

d)

**35) Amount of monthly weaving income**

[Use tick ( ) mark wherever applicable]

a) Income (below 10,000) ( )

b) Income (10,000-15,000) ( )

c) Income (above 15,000) ( )

**36) Amount of monthly non weaving income**

[Use tick ( ) mark wherever applicable]

- a) Income (below 10,000) ( )
- b) Income (10,000-15,000) ( )
- c) Income (above 15,000) ( )

**37) No. of earnings members in the weaving family : male ( ), female ( )**

**38) No. of dependents in the weaving family ( )**

**39) Amount of monthly weaving income spend on various items**

Items of expenditure	Amount spend
	Rs.
Food	
Clothing	
Housing	
Medical expenses	
Children education	
Smoking , drinking etc	
Entertainment	

**40) Amount of monthly non weaving income spend on various items**

Items of expenditure	Amount spend
	Rs.
Food	
Clothing	
Housing	
Medical expenses	
Children's education	
Smoking , drinking etc	
Entertainment	

**41) Monthly saving of the weaver from weaving (Rs.)**

[Use tick ( ) mark wherever applicable]

Yes ( )

No ( )

If yes, what is the amount?

**42) Monthly saving of the weaver from non-weaving practices (Rs.)**

[Use tick ( ) mark wherever applicable]

Yes ( )

No ( )

If yes, what is the amount?

**43) Indebtedness of the weaving family: (in Rs.) Yes /no**

If yes, Source 1. Friend / relative ( )

2. Private money lender ( )

3. Bank ( )

4. Any other ( )

**44) Indebtedness of weaving family (Rs)**

[Use tick ( ) mark wherever applicable]

Yes ( )

No ( )

**If yes, what is the amount?**

**45) Problems which faced by the weaver**

[Use tick ( ) mark wherever applicable]

- a. inadequate infrastructure ( )
- b. Absence of modern tools and technique ( )
- c. Lack of education ( )
- d. Low wages/ less profitability ( )
- e. Health ( )
- g. Lack of incentive from Govt. ( )

**46) Job satisfaction of the weaver**

[Use tick ( ) mark wherever applicable]

Satisfied ( )

Not satisfied ( )

**47) Do you want to shift your occupation?**

Use tick ( ) mark wherever applicable]

Yes ( )

No ( )

If yes, Why

**48) Extent of dependence on weaving**

Use tick ( ) mark wherever applicable]

Exclusively dependent on weaving ( )

Partly dependent on weaving ( )

**49) Degree of adverse effect on their socio economic status after the decay.**

Use tick ( ) mark wherever applicable]

Not affected ( )

Severely affected ( )

Moderately affected ( )



**50) What are the factors according to you mainly responsible for this decline of weaving practices?**

(i)

(ii)

(iii)

**51) What support you need to improve the functioning of traditional weaving**

(i)

(ii)

(iii)

**52) Are you aware/benefited from any schemes?**

Use tick ( ) mark wherever applicable

Yes ( )

No ( )

If yes what is the name of the scheme.

1)

2)

3)

**53) Do you think your children are interested in taking up Handloom related activities/weaving as a profession?**

- 1) Yes ( )
- 2) Don't know ( )
- 3) Not applicable ( )

## Appendix-B

### Detailed Regression Results

#### 1) Socio economic index and its determinants (Depend on Weaving Income)

Dependent variable: SEI

#### Variable Entered / Removed

Model	Variables Entered	Variables Removed	Method
1	WI, POD, PCD		Enter

#### Model Summary

R	R Square	Adjusted R Square	Std. Error of the Estimate
.253 <sup>a</sup>	0.60	0.57	1.7479

a. Predictors: (Constant), WI, POD, PCD

#### ANOVA

	Sum of Squares	df	Mean Square	F	Sig.
Regression	53.603	3	27.868	9.121	0
Residual	1225.129	401	3.055		
Total	1308.732	404			

#### Coefficients

	Unstandardised coefficients		Standardised coefficients	t	Sig.
	B	Std. Error	Beta		
Constant	3.236	0.295			
WI	2.74	0.000	0.082	1.697	0.09
POD	-1.656	0.471	-0.170	-3.518	0.000
PCD	3.487	0.000	0.170	-3.518	0.000

**Residual Statistics**

	Minimum	Maximum	Mean	Std	N
Predicted value	1.6623	5.0354	3.0891	0.4579	405
Residual	-2.6143	28.2023	-5.2	1.7414	405
Std. Predicted value	-3.136	4.278	0	1	405
Std. Residual	-1.496	16.536	0	0.996	405

**2) Socio Economic Index and its determinate (Depend on Non weaving income)**

Dependent Variable: SEI

**Variables Entered / Removed**

Model	Variables Entered	Variables Removed	Method
1	WI, POD, PCD		Enter

**Model Summary**

R	R Square	Adjusted R Square	Std. Error of the Estimate
.777 <sup>a</sup>	0.604	0.601	1.1369

a. Predictor (Constant), NWI, POD, PCD

**ANOVA**

	Sum of Squares	df	Mean Square	F	Sig.
Regression	790.438	3	263.479	203.852	0.000
Residual	518.294	401	1.293		
Total	1308.732	405			

**Coefficients**

	Unstandardised coefficients		Standardised coefficients	t	Sig.
	B	Std. Error	Beta		
Constant	1.022	0.200		5.108	0.000
WI	2.870	0.000	0.742	23.530	0.000
POD	-1.598	0.306	-0.164	-5.220	0.000
PCD	2.144	0.000	0.104	3.308	0.001

**Residual Statistics**

	Minimum	Maximum	Mean	Std	N
Predicted value	0.8021	28.0372	3.0891	1.3988	405
Residual	-2.7337	4.8628	-5.25	1.1327	405
Std. Predicted value	-1.635	17.836	0.000	1.000	405
Std. Residual	-2.405	4.277	0.000	0.996	405

**3) Capital and Money investment and its determinants**

Dependent Variable: Price per unit of produced

**Variables Entered / Removed**

Model	Variables Entered	Variables Removed	Method
1	Capital investment Per unit of produced, Time spend per unit of product		Enter

**Model Summary**

R	R Square	Adjusted R Square	Std. Error of the Estimate
.565 <sup>a</sup>	0.56	0.56	34.2571

**ANOVA**

	Sum of Squares	df	Mean Square	F	Sig.
Regression	48138552	2	24069276.02	20509.813	0.000
Residual	470593.3	401	1173.549		
Total	48609145	403			

**Coefficient**

	Unstandardised Coefficients		Standardised Coefficients	t	Sig
	B	Std. Error	Beta		
Constant	27.347	2.864		9.549	0.000
Capital investment per unit product	0.950	0.017	0.911	57.477	0.000
time spend per unit product	11.35	2.039	0.088	5.565	0.000

**Residual Statistics**

	Minimum	Maximum	Mean	Std Deviation	N
Predicted value	76.6955	2568.5845	339.3812	345.6161	404
Residual	-68.5844	377.4417	-7.60	34.172	404
Std. Predicted value	-0.760	6.450	0.000	1.000	404
Std. Residual	-2.002	11.018	0.000	0.998	404

**4) No. Of Marketing Network used and its determinants**

Dependent Variable: Profit per unit of product

**Variables Entered / Removed**

Model	Variables Entered	Variables Removed	Method
1	Number of marketing used network		Enter

**Model Summary**

R	R Square	Adjusted R Square	Std. Error of the Estimate
.632 <sup>a</sup>	0.4	0.398	7.0392

**ANOVA**

	Sum of Squares	df	Mean Square	F	Sig.
Regression	13278.748	1	13278.748	267.988	0.000
Residual	19919.044	402	49.550		
Total	33197.792	403			

**Coefficients**

	Unstandardised Coefficients		Standardised Coefficients	t	Sig.
	B	Std. Error	Beta		
Constant	33.781	0.903		37.400	0.000
No. Of marketing network used	9.494	0.580	0.632	16.370	0.000

**Residual Statistics**

	Minimum	Maximum	Mean	Std Deviation	N
Predicted value	43.2750	62.2625	47.4109	5.7402	404
Residual	-23.2750	37.2313	4.573	7.0304	404
Std. Predicted value	-0.721	2.587	0.000	1.000	404
Std. Residual	-3.306	5.289	0.000	0.999	404