

# CONTENTS

<b>1.</b>	<b>Introduction</b>	<b>1</b>
1.2	Aims and Objectives of the study	3
<b>2.</b>	<b>Tribal Country</b>	<b>4-10</b>
2.1	About the Tribals	4
2.1.1	Santal	4
2.1.2	Physical Characteristics	5
2.1.3	Clan Structure	5
2.1.4	Family Structure	5
2.1.5	Rights and Rituals	5
2.1.6.	Marriage	5
2.1.7	Property Rights	6
2.1.8	Socio-Political Organisation	6
2.1.9	Occupation	6
2.1.10	Religion	6
2.1.11	Munda	7
2.1.12	Physical Characteristics	7
2.1.13	Clan Structure	7
2.1.14	Occupation	7
2.1.15	Religion	7
2.1.16	Festivals	8
2.1.17	Marriage	8
2.1.18	Oraon	8
2.1.19	Physical Characteristics	9
2.1.20	Clan Structure	9
2.1.21	Occupation	9
2.1.22	Religion	9
2.1.23	Festivals	9

2.1.24	Marriage	10
<b>3.</b>	<b>Abiotic Factors</b>	<b>10-23</b>
3.1	Geographical Background and Topography	11
3.2	Meteorological Condition	11
3.3	Temperature, Humidity and Rainfall	11
3.4	Methods of Soil Analysis	18
3.4.1	Soil Samples	18
3.4.2	Determination of Sand, Silt and Clay Percentage in Soil	18
3.4.3	Determination of moisture content	19
3.4.4	Determination of Soil pH	19
3.4.5	Determination of Total Soluble Salt (TSS) or Conductivity of Soil	19
3.4.6	Determination of Soil Organic Matter	19
3.5	Results	20
3.5.1	Soil Texture	20
3.5.2	Seasonal variation of Soil	20
3.5.3	Chemical Nature of Soil	20
<b>4</b>	<b>Crop Productivity</b>	<b>23-29</b>
4.1	Introduction	23
4.2	Methods	23
4.3	Results and Discussion	23
<b>5</b>	<b>Bio-Resource Utilization</b>	<b>30-40</b>
5.1	Introduction	30
5.2	Materials and Methods	30
5.3	Results	30
5.4	Discussion	39
<b>6</b>	<b>Demographic Studies on Santals, Mundas and Oraons</b>	<b>41-96</b>
6.1	Introduction	41
6.2	Aims and Objectives	41
6.3	Methods	41

6.4	Results and Discussion	42
6.4.1	Density	42
6.4.2	Composition	43
6.4.3	Demographical Economic Analysis of the Tribals	44
6.4.4	Age-Sex Structure of Tribal Population of Hili Block	44
6.4.5	Sex ratio of Santal, Munda and Oraon	50
6.4.6	Family Structure of Santals, Mundas and Oraons	53
6.4.6.1	Marital Condition	55
6.4.6.1.1	Among the Santals	55
6.4.6.1.2	Among the Mundas	56
6.4.5.1.3	Among the Oraons	56
6.4.6.2	Family life cycle and headship	59
6/4/7	Fertility	59
6.4.7.1	Puberty	60
6.4.7.2	Age at Marriage	61
6.4.7.3	Child Woman Ratio	64
6.4.7.4	Crude birth Rate	64
6.4.7.5	General Fertility Rate	65
6.4.7.6	Age Specific Fertility Rate (ASFR)	66
6.4.7.7	Total Fertility Rate (TFR)	68
6.4.7.8	Children Ever-born and Survive	70
6.4.8	Pregnancy, births, conception and family planning	71
6.4.9	Seasonality of Birth	72
6.4.10	Seasonality of conception	73
6.4.11	Contraceptive use and family planning	75
6.4.12	Mortality trends among Santal, Munda and Oraon Communities	79
6.4.12.1	Crude death rate (CDR)	79
6.4.12.2	Age specific Death Rate	80
6.4.12.3	Seasonality of Death	81

6.4.12.4	Causes of Mortality	83
6.4.13	Population growth	87
6.4.14	Functional involvement of tribals as per age-sex classes	92
6.5	Education	96
<b>7</b>	<b>Distribution pattern of ABO gene</b>	<b>99-104</b>
7.1	Introduction	99
7.2	Materials and Methods	99
7.3	Results and Discussion	99
<b>8</b>	<b>Aspects of child labour</b>	<b>105-112</b>
8.1	Introduction	105
8.2	Results and Discussion	106
8.3	Conclusion	110
<b>9.</b>	<b>Traditional folk medicines among the tribals</b>	<b>112-117</b>
9.1	Introduction	112
9.2	Methods	112
9.3	Results and Discussion	112
<b>10.</b>	<b>References</b>	<b>118-133</b>

11.

C.D.

in side back cover