

2008

( December )

## ANTHROPOLOGY

## ( Demography and Biostatistics )

Course No.: Anth-304

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

Answer any **five** questions

1. Define demography. Write about the nature and scope of demography. 5+10=15
2. What is the difference between sample survey and population census? Describe the nature of population census. 7+8=15
3. Critically evaluate India's population policy. 15
4. What is Malthusian theory? Is it applicable to Indian population? Discuss with suitable examples. 5+10=15

5. What is Migration? State the nature and causes of migration. 5+10=15
6. Discuss the logistic curve theory of population with suitable examples. 15
7. Define biostatistics. Discuss its significance in anthropological research. 5+10=15
8. What is standard deviation? Calculate the standard deviation of the following data : 5+10=15

Age groups (in years)	Number of mothers
15-19	15
20-24	10
25-29	16
30-34	15
35-39	10

9. Write short notes on any *two* of the following :  $7\frac{1}{2} \times 2 = 15$
- (a) Normal distribution
- (b) Demography and population study
- (c) Differential fertility in India
- (d) LFR model of migration

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