2017

M.Sc.

3rd Semester Examination

ANTHROPOLOGY

PAPER—ANT-302

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer *Q. No. 1* and any *three* from the rest.

1. Answer any *five* of the following questions :　　　5×2

   (a) Define fecundity.

   (b) What do you mean by hypothesis ?

   (c) Define variable. Give one example of non-demographic variable.

   (d) State the formula of Child-Woman Ratio.

(e) What are the notations of Pearson Correlation Coefficient and Regression Coefficient ?

(f) What is the formula of Z-score ?

(g) What is the Type-II error in hypothesis testing ?

2. Define demography. Discuss the features of demography.

3+7

3. Discuss the sources of demographic data. 10

4. Critically discuss the demographic transition theory. 10

5. In a survey the following data were observed :

Sex	Smokers	Non-smokers
Men	132	54
Women	76	98

Is these any significant association between sex and smoking status ? Show *ALL* your workings clearly. 10

6. In an anthropological study of 302 men and 274 women, the following were observed :

Sex	Height (cm)	
	Mean	*SD*
Men	168.7	1.2
Women	163.2	2.1

Are there any significant sex differences in mean height ? Show *ALL* your workings clearly. 10

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