M.Sc. 2nd Semester Examination, 2014

ANTHROPOLOGY

PAPER — ANT - 202

Full Marks : 50

Time : 2 hours

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

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

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

   (*a*) What is meant by median ?

   (*b*) What do you mean by Random Sampling ?

   (*c*) Differentiate between S.D and C.V.

   (*d*) What is a continuous variable ?

(*e*) Differentiate between descriptive and inferential statistics.

(*f*) What is sleevness ?

(*g*) What is a normal distribution ?

(*h*) What is polygon ?

2. Calculate the mean and standard deviation of the following data :

166	169	171	182	191	201	
145	151	159	172	190	167	4 + 6

3. Outline the

(*a*) Addition Rule

(*b*) Multiplication Rule of probability with suitable examples. 5 + 5

4. The following table indicates the prevalence of hypertension and smoking among males of a locality.

	Smoker	Non-smoker
Hypertensive	46	21
Normotensive	32	9

Is there a significant association between smoking status and hypertension ? Show *All* your working clearly. 10

5. The mean height (cm) of males and females is 159·8 cm and 153·4 cm, respectively. The corresponding S.D.S. are 2·1 cm and 1·9 cm respectively. Is there a significant sex difference in mean height ? Show *All* your workings clearly. 10

6. The median and standard deviation height of the reference children are 123·4 cm and 2·3 cm, respectively. A boy has a height of 121·5 cm. What is his 2-score ? Show *All* your workings clearly. 10

[*Internal Assessment* : 10 Marks]