

**M.Phil 1st Semester Examination, 2019**

**ANTHROPOLOGY**

**PAPER—ANT-114**

*Full Marks : 50*

*Time : 2 hours*

*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 four questions : 5 × 4
- (a) Differentiate between percentage and percentile.
  - (b) Differentiate between discrete and continuous variables.
  - (c) Differentiate between skewness and kurtosis.

*( Turn Over )*

- (d) Differentiate between nominal and ordinal variables.
- (e) Differentiate between parametric and non-parametric statistics.
- (f) Differentiate between qualitative and quantitative variables.

2. Answer any *two* questions : 10 × 2

- (a) Explain in detail the differences between correlation and regression.
- (b) Discuss in details how statistics can be applied on anthropological data.
- (c) In a survey, it was found that there were 123 smokers and 45 non-smokers in men. Among women, the corresponding numbers were 67 and 145, respectively. Is there any significant association between sex and smoking status ? Show *all* your workings clearly.
- (d) The mean and standard deviation values of height among Santhal men was found to be

168.9 gm and 2.3 cm, respectively. The corresponding values in women were 161.2 cm and 3.2 cm, respectively. Is there any significant sex difference in mean height? Show *all* your workings clearly.

---