

**2019**

**MSc**

**4<sup>th</sup> / Semester Examination**

**ANTHROPOLOGY**

**PAPER – ANT-402(B)**

**Full Marks : 50**

**Time : 2 hrs**

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.

(Turn Over)

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

1. Answer any **Five** from the following.

5x2

- (a) What is a cross ---sectional growth study?
- (b) What is a mixed longitudinal growth study ?
- (c) What is meant by FFM ?
- (d) What is wasting ?
- (e) What is a distance growth curve ?
- (f) What is the formula of Z score?
- (g) What is menarche ?
- (h) Write the names of two books on human growth.

2. Highlight population variation in age at menarche . 10
3. A boy has a height of 123.4 cm . He weighs 43.2 kg. The median and standard deviation values are 134.0cm and 1.9 cm for height. The corresponding reference values for weight are 46.8 kg and 1.3 kg, respectively Evaluate his growth status with respect to (a) height (b) weight (5+5)  
Show All your workings clearly .
4. Highlight ethnic variation in human growth . 10
5. Elucidate the concept of ' catch-up growth' with a suitable diagram . 10
6. Briefly discuss the genetic and nutritional factors in human growth. 6+4

**(Internal Assessment – 10 marks)**