

**MASTERS IN ANTHROPOLOGY (MAAN)**

**Term-End Examination**

**December, 2014**

**MANE-002 : HUMAN GROWTH AND  
DEVELOPMENT**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : Attempt any five questions, at least two from each section. All questions carry equal marks. The word limit for 20 marks questions is 500 words and that of 10 marks is 250 words.*

**SECTION - A**

1. Define human growth and discuss the interaction of heredity and environment in controlling growth. 20
2. Describe the various changes in human body that take place during adolescence. 20
3. What are the various methods of studying human growth ? Describe the longitudinal and mixed-longitudinal methods giving their merits and demerits. 20
4. Discuss the effect of altitude and nutrition on human growth. 20

## SECTION - B

5. Describe the anthropometric method of assessing nutritional status. 20
  6. Define body composition and describe the age changes and sex differences in human body composition. 20
  7. What is a somatotype ? Describe the Heath-Carter method of evaluating human somatotypes. 20
  8. Describe and compare **any two** of the following : 2x10=20
    - (a) Velocity curve and distance curve
    - (b) Somatometry and somatoscopy
    - (c) Positive secular trend and negative secular trend
  9. Write short notes on **any two** of the following : 10+10
    - (a) Health consequences of obesity
    - (b) Stages of growth
    - (c) Growth Hormones
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