

2009

( December )

ANTHROPOLOGY

Course No. : ANT-C-307

( Human Growth and Body Composition )

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

Answer *any five* questions

1. What do you understand by growth and development? How do you differentiate between these two? 5+10=15
2. Describe the various methods of studying human growth, specifying their merits and demerits. 15
3. How is human growth considered as a good indicator of nutritional status? Answer with suitable examples. 15

4. What are the factors that affect growth and development? Discuss. 15
5. Discuss briefly how migration and hybridization affect human growth. 15
6. Critically discuss Heath-Carter method of somatotyping, indicating their merits and demerits. 15
7. What do you understand by somatotype? Write its relationship with growth, genetics, diseases and sports.  $3+12=15$
8. Write short notes on any *two* of the following :  $7\frac{1}{2}\times 2=15$
- (a) Catch-up growth
  - (b) Skeletal age
  - (c) Secular trend
  - (d) Growth hormones

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