

2008

(December)

ANTHROPOLOGY

(Human Growth and Body Composition)

Course No. : Anth-307

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 would you differentiate between these two? 5+10=15
2. Describe the various anatomical and morphological changes that characterise the adolescent growth of both boys and girls. 15
3. How human growth is 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. How do nutrition and socio-economic factors affect human growth? Discuss. 15
6. Why is pituitary gland called a master gland? Discuss the disorders caused by pituitary gland in man. $5+10=15$
7. What do you understand by somatotype? Write its relationship with growth, genetics, diseases and sports. $3+12=15$
8. Write in detail about Sheldon's methods of Somatotyping. 15
9. Write short notes on any *two* of the following : $7\frac{1}{2}\times 2=15$
- (a) Hydrodensitometry
- (b) Catch-up growth
- (c) Secular trend
- (d) Viola's method of somatotyping