

2023
M.Sc.
Third Semester
CORE – 10
ANTHROPOLOGY
Course Code: MANC 3.21
(Human Growth, Development & Nutrition)

Total Mark: 70

Pass Mark: 28

Time: 3 hours

Answer five questions, taking one from each unit.

UNIT-I

1. Explain the concept of differentiation and maturation in human beings. 14
2. Write notes on the following: 7×2=14
 - (a) Factors affecting catch-up growth
 - (b) Different stages of pre-natal growth

UNIT-II

3. Discuss on the different types of growth curves and their variations. 14
4. Write notes on the following: 7×2=14
 - (a) Significance of assessing growth and nutritional status
 - (b) Human adaptation to stresses of under-nutrition

UNIT-III

5. Elaborate on the role of endocrine system in human growth and development. 14
6. Explain the effects of migration and hybridization on human growth and development with concrete example. 14

UNIT-IV

7. Define somatotyping. Discuss the contribution of Kretchmer to studies of somatotyping. 2+12=14

8. What is body composition? Discuss in brief how hydrodensitometry can be used to estimate body composition. 4+10=14

UNIT-V

9. Define nutritional status. Explain in brief the indirect method of assessing the nutritional status in a community. 2+12=14
10. Write notes on the following: 7×2=14
- (a) 24 hour dietary method
 - (b) Nutritional anthropology
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