

M.A./M.Sc. Examination, 2019
Semester–IV
Anthropology
Paper – XXVII (Gr.-B)
(Human Biology)

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Answer Question No.6 and *any three* from the rest.

1. Discuss the available methods to study normal growth and development in man. What are growth curves? Briefly discuss the factors responsible for normal growth and development in man. 4+2+4=10
 2. What is body composition? Discuss the available techniques used to measure body composition in man. Define essential amino acids. 2+5+3=10
 3. What do you understand by the term *nutritional epidemiology*? What is food group? Describe the usefulness of five food groups system in nutritional epidemiology. 2+2+6=10
 4. What is ageing? Discuss the modern theories related to normal ageing in eukaryotes. Briefly discuss the importance of studying ageing in biological anthropology. 2+5+3=10
 5. Illustrate with diagram the physiology of female reproductive system in man. 10
 6. Write short note on *any two* of the followings: 5+5=10
 - (a) Food pyramid
 - (b) Non-communicable diseases
 - (c) Ketogenic diet
 - (d) Endocrine mechanisms during menstruation
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