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**4 SEM TDC ANTH (CBCS) C 9**

**2023**

( May/June )

**ANTHROPOLOGY**

( Core )

Paper : C-9

**( Human Growth and Development )**

*Full Marks : 53*

*Pass Marks : 21*

*Time : 3 hours*

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

1. Choose the correct answer : 1×5=5

(a) The book, *Patterns of Human Growth* (1999) was authored by

(i) K. Kathleen

(ii) G. A. Harrison and M. Howard

(iii) A. K. Kapoor and S. Kapoor

(iv) B. Bogin



( 2 )

- (b) Maturation is a/an
- (i) socialization process
  - (ii) experiential process
  - (iii) developmental process
  - (iv) adjustment process
- (c) Human growth is different from all other primates by having the
- (i) adolescence stage
  - (ii) juvenile stage
  - (iii) infancy stage
  - (iv) childhood stage
- (d) Hyperplasia is
- (i) an increase in cell size
  - (ii) an increase in cell number
  - (iii) an increase in intercellular substances
  - (iv) an increase in plasma
- (e) \_\_\_\_\_ occurs basically due to deficiency of protein.
- (i) Marasmus
  - (ii) Diabetes
  - (iii) Kuru
  - (iv) Kwashiorkor

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( Continued )

( 3 )

2. Write short notes on any *three* of the following : 4×3=12
- (a) Differentiation and Maturation
  - (b) Impact of malnutrition
  - (c) Assessment of nutritional status
  - (d) Methods of somatotyping
3. (a) Briefly explain the evolutionary perspective of primate growth. Write about the uniqueness of human growth. 6+3=9
- Or
- (b) What are the different stages of human growth and development? Briefly explain about the variations in the normal growth pattern. 2+7=9
4. (a) Explain the various factors that influence the pattern of human growth and development. 9
- Or
- (b) Mention the different methods and techniques of studying human growth. Give a comparative explanation of these methods. 2+7=9

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( Turn Over )



5. (a) Define nutritional epidemiology. Explain about the impact of nutritional deficiency with suitable example.  $2+7=9$

Or

- (b) Explain about the human physique and body composition with reference to different models and techniques. 9

6. (a) Define hypoxemia and hypoxia. Discuss how human can adapt in different environmental stresses with special reference to the high altitude.  $3+6=9$

Or

- (b) Explain about the bio-cultural adaptation of human in various environmental stresses. 9

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