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3 (Sem-4/CBCS) ANT HC 2

2022

ANTHROPOLOGY

(Honours)

Paper : ANT-HC-4026

(Human Growth and Development)

Full Marks : 60

Time : Three hours

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

1. Answer **any seven** of the following questions : 1×7=7

- (a) What is gerontology ?
- (b) In which stage of growth in human, growth rate is rapid ?
- (c) Mention a sign of reproductive maturity in girl.
- (d) What is embryonic stage in human growth ?

Contd.

- (e) What are the *three* basic body types or physique in human ?
- (f) Define mixed-longitudinal method.
- (g) Write the full form of NIN.
- (h) During which phase of growth milk teeth erupts in human ?
- (i) Write the full form of BMI.
- (j) What is hyperplasia ?

2. Give short answer of **any four** of the following questions : 2×4=8

- (a) What is obesity ?
- (b) Mention different types of measurements in growth study.
- (c) What is balanced diet ?
- (d) What is velocity curve ?
- (e) What is catch-up growth ?
- (f) What is distance curve ?
- (g) What is senescence ?
- (h) What are the *two* major stages of human growth ?

3. Write short notes on : (**any three**) $5 \times 3 = 15$

- (a) Human growth hormone
- (b) Human growth and development
- (c) Adolescent growth spurt
- (d) Differentiation and maturation
- (e) Malnutrition
- (f) Secular trend in growth study
- (g) Kwashiorkor and Marasmus
- (h) Primary, secondary and tertiary ageing

4. Answer **any three** of the following : $10 \times 3 = 30$

- (a) What is postnatal growth? Discuss different stages of postnatal growth in human. $1 + 9 = 10$
- (b) Write an essay on the significance of growth study.
- (c) Discuss the methods and techniques of assessment of nutritional status in Anthropology.
- (d) What is ageing? Explain different methods and techniques of studying age change in human. $2 + 8 = 10$

- (e) What is body composition ? Discuss the models and techniques of estimating body composition in man. $2+8=10$
- (f) What are different methods for studying human growth ? Explain.
- (g) Write an essay on gender and ethnic differences and body composition.
- (h) Discuss the factors influencing pattern of growth and variation in human.
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