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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 :

(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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