

**2017****M.Sc.****3rd Semester Examination****ANTHROPOLOGY****PAPER—ANT-306***Full Marks : 40**Time : 2 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

*Answer Q. No. 1 and any three from the rest.*

1. Answer any *five* of the following questions : 5×2
- (a) What is meant by FM ?
  - (b) What is FMI ?
  - (c) Define underweight.
  - (d) What is Stunting ?
  - (e) What is CIAF ?
  - (f) What are the cut-off ?

*(Turn Over)*

(g) Differentiate between percentage and percentile.

(h) What is leamom ?

2. (a) What is meant by LBW ? 2
- (b) What are the Material anthropometric indicators of LBW ? 8
3. (a) A woman has a height of 168.9 cm. She weights 64.3 kg. Evaluate her nutritritional status. Show ALL your workings clearly. 7
- (b) In three tribal populations, the prevalence of adult CED are given below :

	TRIBE 1		TRIBE 2		TRIBE 3	
	M	F	M	F	M	F
Percentage of CED (%)	26.1	39.1	18.9	26.9	13.6	47.2

All figures indicate percentages. M = Male, F = Female

Comment on the health problem of under nutrition in these population. 3

4. Outline the various methods highlighting the advantages and disadvantages of each in evaluating body composition. 10

5. A boy has a height and weight of 124.3 cm and 42.3 kgs, respectively. The reference median height and weight are 136.5 cm and 51.9 kgs, respectively. The corresponding standard deviation are 3.9 cm and 2.8 kgs respectively. Evaluate his nutritional status based on :

(a) Weight (b) Height.

5+5

6. Discuss in details the source, utility deficiency diseases and toxicity of fat soluble vitamins.

10