

2016

M.Sc.

3rd Semester Examination

ANTHROPOLOGY

PAPER—ANT-304

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 PBF ?
- (b) Define wasting.
- (c) What is meant by FFMI ?
- (d) What are the cut-off points of WHR ?
- (e) What are the cut-off points of CI ?
- (f) What are the cut-off points of WHER ?

(Turn Over)

- (g) What are the cut off points of WC ?
- (h) What is the formula of intraobserver TEM ?

2. (a) A man has a height of 169.8cm. He weighs 63.4 kg. Evaluate his nutritional status. Show *ALL* your workings clearly. 7

- (b) In three tribal populations, the prevalence of adult CED are given below : 3

	TRIBE 1		TRIBE 2		TRIBE 3	
	M	F	M	F	M	F
Prevalence of CED (%)	26.2	31.9	19.8	29.6	31.6	42.7

All figures indicate percentages.

M = Male.

F = Female.

Comment on the health problem of under nutrition in these populations.

3. Discuss in details the source, utility, deficiency discuses and toxicity of water soluble vitamins. 10

4. Outline the various methods highlighting the advantages and disadvantages of various methods of evaluating dietary intake.

5. A girl has a height and weight of 123.4 cm and 43.2 kgs, respectively. The reference median height and weight are 135.6 cm and 50.7kgs, respectively. The corresponding standard deviation are 3.9 cm and 2.8 kg, respectively. Evaluate her nutritional status based on

(a) height ;

(b) weight.

5 + 5

6. Discuss in details the advantages and disadvantages of different methods of evaluating nutritional status.

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