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B.Sc. RNLK-/C11T/21

2021

Nutrition (Hons)

[Fifth Semester]

Paper - C11T

Full Marks : 40

Time : 2 hours

*The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in their own
words as far as practicable.
Illustrate the answers wherever necessary.*

Group-A

- 1. Answer any five questions from the following. 5×2=10**
- a) Define epidemiology.
 - b) What do you mean by community?
 - c) Write the relation between prevalence and incidence.

(Turn Over)

(2)

- d) Name the nutrients deficiency associated with cretinism, beri beri, neural tube defect and xerophthalmia.
- e) Classify wastes based on their effect on health.
- f) Write the differences between the population pyramids of developing and developed countries.
- g) Mention any four important sources of vital statistics.
- h) What is meant by Pearl index?

Group - B

2. Answer any **four** questions from the following : $4 \times 5 = 20$

- a) What do you mean by the term 'community water'?
What are the sources of community water? 2+3
- b) What do you mean by malnutrition? What are the different kinds of malnutrition? 2+3
- c) Discuss the different factors that affect fertility. 5
- d) Clarify the wastes based on their properties. Write the rural urban variations of the disease pattern. 2+3

(3)

- e) Write short note on any two of the following : $2\frac{1}{2}+2\frac{1}{2}$
- (i) Secular trends.
 - (ii) Specific death rates.
 - (iii) Association of disease with social class.
 - (iv) General Fertility Rate.
- f) What is crude death rate and how is it calculated?
Write the differences between marasmus and kwashiorkor. (1+2)+2

Group - C

3. Answer any one question from the following. $1 \times 10 = 10$

- a) (i) What is meant by demography?
(ii) Discuss the different stages of demographic cycle with its characteristics.
(iii) How point prevalence is calculated. 2+4+4
- b) (i) Write a short note on survival rate.
(ii) What are the different methods of solid waste disposal?
(iii) Write the major types of the community. 3+4+3

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