



বিদ্যাসাগর বিশ্ববিদ্যালয়  
**VIDYASAGAR UNIVERSITY**

**Question Paper**

**B.Sc. Honours Examinations 2021**

(Under CBCS Pattern)

**Semester - III**

**Subject: NUTRITION**

**Paper: C 6-T & P**

**(Community Nutrition and Nutritional Epidemiology)**

**Full Marks : 60 (Theory-40 + Practical-20)**

**Time : 3 Hours**

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

*The figures in the margin indicate full marks.*

**Theory (Marks - 40)**

**Group - A**

1. Answer any **three** questions from the following : 12×3=36
- (a) (i) Differentiate incidents and prevalence rate of a disease.
- (ii) Define demography. Write the stages of it.
- (iii) What is vital statistics ? 4+2+3+3
- (b) (i) Name any two direct assessment methods of the nutritional status for children and write the importance of it.
- (ii) Briefly describe the child immunization schedule.

- (iii) What do you mean by epidemiological traid ? 5+5+2
- (c) (i) Classify Xerophthalmia according to WHO gudeline.
- (ii) Discuss about the factors affecting coommunity health.
- (iii) Write the importance of nutritional anthropometric assessment. 4+4+4
- (d) (i) Differentiate between Kwashiorkor and Marasmus. What do you know by triple burden of malnutrition ?
- (ii) Write down the significance of the BMI measurement.
- (iii) What do you mean by nutritional biomarker ? Why we do prefer biomarker or biosensor over anthropometric measurement ? 4+2+2+1+1+2
- (e) (i) What is Z score ? Write its significance to identify malnutrition.
- (ii) Write the UNICEF conceptual model of malnutrition.
- (iii) What do you mean by nutritional biomarker ? Why do we prefer biomarker or biosensor over anthropometric measurement ? 4+2+2+1+1+2
- (f) (i) Write about the factors affecting food availability and its consumption.
- (ii) Write in brief on the services provided by ICDS.
- (iii) Discuss about some public health hazards created from contaminated foods. 4+4+4

**Group - B**

2. Answer any *two* questions from the following : 2×2=4
- (a) What is R. R. ?
- (b) What do you mean by internet community ?
- (c) What is family food security ?
- (d) Define MMR.

**Practical (Marks - 20)**

**Group - A**

1. Write the visual aids to highlight community nutrition, nutritional awareness, nutritional surveillance. 20

*Or,*

- Submit a hospital survey visit report. 20
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Vidyasagar University