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B.Sc/3rd Sem (H)/NUTR/22(CBCS)

2022

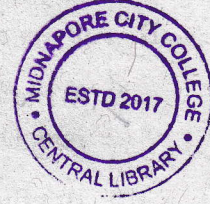
3rd Semester Examination

NUTRITION (Honours)

Paper : C 6-T

[Community Nutrition and  
Nutritional Epidemiology]

[CBCS]



Full Marks : 40

Time : Two Hours

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

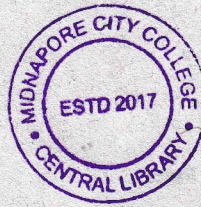
**Group - A**

A. Answer any *five* questions :  $2 \times 5 = 10$

1. What is vital statistics?
2. Define demography.
3. What is family food security?
4. Write the full form of UNICEF.
5. Write any two limitations of biochemical tests in reference to nutritional status assessment.
6. Define pandemic and zoonosis.

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- ✓7. What is attack rate?
- ✓8. Write any two clinical signs of vitamin-D deficiency.

**Group - B**

B. Answer any *four* questions : 5×4=20

- ✓9. Write the relation between prevalence and incidence rate. Differentiate between rate and ratio. 3+2
10. Briefly discuss about different types of diet survey methods with its advantages and disadvantages.
11. Discuss the 'descriptive methods' of epidemiology in reference to time variation only.
- ✓12. Mention the identifying characteristics of PEM and iodine deficiency disorders.
- ✓13. Discuss about 'Epidemiological Traid' with a suitable diagram.
- ✓14. How do you calculate 'z-score'? Define validity and reliability. 2+3

**Group - C**

C. Answer any *one* question : 10×1=10

15. Malnutrition and infection form a vicious cycle— explain. Briefly describe the child immunization schedule. 5+5
16. Define relative risk. Differentiate between kwashiorkor and marasmus. Write in brief on the services provided by ICDS. 2+4+4