Total Pages: 02

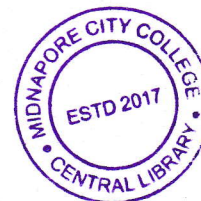# PG CBCS
M.Sc. Semester-IV Examination, 2022
NUTRITION & DIETETICS
Paper Code: NUD 404
(NUTRITIONAL EPIDEMIOLOGY)

Full Marks: 40   **Time: 2 Hours**

Write the answer for each unit in separate sheet

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.

Unit: 43

Food Processing and Food Preservation

1. **Answer any _two_ questions:**   2×2 = 4
   a) What is SMR?
   b) Write the difference between point prevalence and period prevalence.
   c) What is endemic disease? Give an example.
   d) Write the relation between incidence and prevalence.

2. **Answer any _two_ questions:**   2×4 = 8
   a) Describe 'epidemiological triad'? Give two examples of zoonotic disease.
   b) Write note on MTP Act.
   c) Briefly describe the 'biomedical concept' of health. Mention its limitation.
   d) What are the different levels of disease prevention? Describe the primary level of disease prevention.

3. **Answer any _one_ questions:**   1×8 = 8
   a) Write the basic steps of case control study? Mention the differences between case control study and cohort study.   4+4 = 8
   b) What are the aims of epidemiology? Mention the components of epidemiology. Write note on health problems of developed and developing countries.   2+3+3 = 8

(Turn Over)

Unit: 44

Food Processing and Food Preservation

1. **Answer any <u>two</u> questions:** 2×2 = 4

   a) What do you mean by farmers lung?

   b) Define pneumoconiosis?

   c) What is DOTS therapy?

   d) Why non-communicative diseases are referred as life style disease?

2. **Answer any <u>two</u> questions:** 2×4 = 8

   a) What are the common health hazards occurs due to exposure to different chemicals in an industry?

   b) What are the factors affecting fertility?

   c) What are the major interventions taken under RMNCH+A?

   d) Define population pyramid. What are the uses of population pyramid? 1+3 = 4

3. **Answer any <u>one</u> question:** 1×8 = 8

   a) What are the objectives of family planning? State the impact of birth rate and death rate on demography. 3+5 = 8

   b) What are the clinical types of diarrheal diseases? Write about the long term diarrheal disease control program 4+4 = 8

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