

B.Sc. Semester-VI Examination, 2022-23**NUTRITION [Honours]**

Course ID : 62312 Course Code : SH/NUT/602/C-14

Course Title : Epidemiology

Time : 2 Hours Full Marks : 40

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***Answer all the questions.****UNIT-I**1. Answer any **five** of the following questions:

2×5=10

- What is disease elimination?
- Explain about net reproduction rate (NRR).
- Differentiate relative risk and attributable risk.
- Express the term 'adjuvant' and 'Stabilizers'.
- Give four clinical features of mumps.
- Bring out the relationship between incidence and prevalence of diseases.
- Write the full form of DALY and QALY.

h) Define incubation period and latent period.

UNIT-II2. Answer any **four** of the following questions:

5×4=20

- Describe the WHO stages of AIDS. Mention the high risk groups of AIDS. 4+1=5
- State the different characteristic features of case control study. What is cross sectional study? 3+2=5
- What are the different types of quarantine? What do you mean by single exposure or point sources of epidemic? 3+2=5
- What is Cold chain? Briefly describe the different equipment used in cold chain in India. 1+4=5
- What are the basic differences between primary prevention and secondary prevention? What do you mean by blinding in randomized control trial? 3+2=5
- Mention the advantages of live vaccines. Explain about adverse events following immunization (AEFI). 2+3=5

UNIT-III

3. Answer any **one** of the following questions:

10×1=10

a) Briefly describe the different steps of investigation of epidemic. Write a short note on COVID-19 pandemic. 5+5=10

b) What is multidrug resistance tuberculosis? Describe the mode of transmission and clinical features of tuberculosis. Write a short note on RNTCP. 1+5+4=10
