

**ACTIVITY CODE: 1903144021**

**B.Sc. 6<sup>th</sup> Semester (Honours) Examination, October 2020**

**Subject: Nutrition**

**Course ID: 62312**

**Course Code: SH/NUT/602/C-14**

**Course Title: EPIDEMIOLOGY**

**Full Marks: 20**

**Time: 1 hr.**

**The figures in the margin indicate full marks**

**Unit- I**

**1. Answer *any Three* of the following questions: (2\*3=6)**

- a) What do you mean by droplet infection?
- b) What is herd immunity?
- c) What is positive health?
- d) Define endemic and epidemic.
- e) What is zoonosis? Give one example.
- f) Mention one advantage and one disadvantage of attenuated vaccine.
- g) Write two uses of mortality data.
- h) Mention any two communicable and any two non-communicable disease related in our daily life.

**Unit – II**

**2. Answer *any Two* of the following questions: (4\*2=8)**

- a) Describe the different stages of demographic cycle. 4
- b) Describe 'epidemiological triad' of disease causation? 4

c) Define Under-5 mortality rate. Describe four causes of Under-5 mortality in India. 2+2=4

d) What is incubation period? Write about the incubation period and mode of transmission of typhoid. 1+1+2=4

e) Write a short note on pandemic disease. 4

f) Define epidemiology. What are the aims of epidemiology? 1+3 =4

### Unit - III

3. Answer *any One* of the following questions: (1\*6=6)

a) What is case control study? Describe the basic steps of case control study. 2+4=6

b) Give the latest national immunization schedule of India. 6

c) Write the clinical feature of AIDS with proper stages. What strategies taken by govt. of India for the prevention and control of HIV. 4+2=6

d) Briefly describe the different dimension of health. What do you mean by ice-berg phenomenon of disease? 4+2=6

XXXXXXXXXXXXXXXXXXXXXXXXX