

**B.Sc. 6<sup>th</sup> Semester (General) Examinations, 2020 (CBCS)**

**Subject: Zoology**

**Paper-SEC-4**

**(Community Nutrition and Health Statistics)**

**Full Marks: 40**

**Time: 2 Hrs**

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

*Answer any **eight** questions of the following*

**8×5=40**

1. Explain how environmental and economical factors affect health of a community.
2. Write the names of anthropometric measurements used to assess nutritional status of a community. Explain the methods in brief.
3. Elaborate epidemic and endemic disease with suitable example of each.
4. Write the causative agent of tuberculosis and discuss the mode of transmission and prophylaxis of tuberculosis.
5. Write a comprehensive note on 'Malnutrition'.
6. Differentiate between communicable and non-communicable disease with suitable examples.
7. Define median and mode and calculate the median and mode of following data set:  
20, 24, 23, 28, 26, 29, 28, 22, 29, 26, 31.
8. Explain and elaborate null hypothesis.
9. Write a short note on 'descriptive studies' of epidemiology.
10. Discuss various biochemical parameters used for nutritional status assessment along with the advantages and disadvantages of biochemical parameters.