

**The West Bengal University of Health Sciences**  
**M.Sc. MLT in Microbiology/ M.Sc. MLT in Biochemistry**  
**1st Year August- September, 2022 Examination**

Time: 3 hrs.



Subject: Basic Science

Full Marks: 80

*Attempt all questions***Group – A**

1. Define Pleura with its clinical aspects. Describe the anatomy of bronchial tree. 5+5
2. Write short notes on : 2 x 5
  - a) Gall bladder.
  - b) Femoral triangle.

**Group – B**

3. Write the name of the cells present in the stomach. Discuss the G-I- reflexes. 6+4
4. Write short notes on : 3 x 5
  - a) Salivary secretion.
  - b) Micturition reflex.
  - c) Photoreceptor.

**Group – C**

5. Write short notes on : 2 x 5
  - a) Transmission of disease.
  - b) Cross Sectional study.
6. Write in brief the advantages and disadvantages of case control study. 5

**Group – D**

7. a) What are the differences between Questionnaire and Schedule? 5
  - b) What are the features of good research design? 5
8. a) What are the different types of sampling errors? Why sampling is essential? 3+2
  - b) What are the different types of measurement scales? Explain. 5