

The West Bengal University of Health Sciences
M.Sc. MLT in Microbiology/ M.Sc. MLT in Biochemistry
1st Year September- October, 2023 Examination

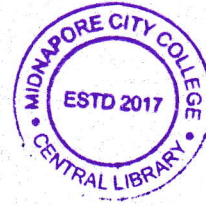
Subject: Basic Science

Time: 3 hrs.

Full Marks: 80

Attempt all questions

Group – A



1. Write external features, blood supply and functions of stomach. 7+3
2. Write short notes on : 2 x 5
 - a) Portal circulation.
 - b) Mention the name of Bronchopulmonary segments of lungs.

Group – B

3. What is CCK-PZ? Briefly discuss about the glucose transport system in the lower gut. Why HCO_3^- ion is more important factor for second part of duodenum? Write the name of the cells present in the stomach. 2+3+5
4. Write short note on : 3 x 5
 - a) Pulmonary function test.
 - b) Enterohepatic circulation.
 - c) Purpura.

Group – C

6. Write short note on : 3 x 5
 - a) Modes of transmission.
 - b) Measures of diseases frequencies.
 - c) Health Services in India.

Group – D

7. What are the different steps in identifying a research problem? What are basic criteria of good problem statement? 6+4
8. Write down the difference between probability & non- probability sampling. What are the characteristics of a good questionnaire? 5+5