

The West Bengal University of Health Sciences
M.Sc. MLT in Biochemistry 2nd Year December, 2023- January,
2024 Examination

Subject: Diagnostic Biochemistry & Endocrinology

Time: 3 hrs

Full Marks: 80

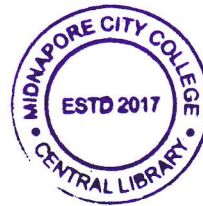
Attempt all questions

1. Answer the following questions :

- a) Discuss the different laboratory investigations to evaluate gastric function. Define 'Achyilia gastrica'.
8+2
- b) Briefly discuss OGTT with its interpretation. Differentiate between cretinism and dwarfism. 5+5
- c) Write short notes on 'tumour-markers'. Explain the application of markers in the diagnosis of tumour.
5+5
- d) Mention the basic steps of RIA for hormone assay. What is the significance to use double antibody in RIA. Write the three different types of standard-curves used in RIA. 5+2+3

2. Write in brief of the following :

- a) Oncogenes
- b) G-proteins.
- c) Sandwich ELISA.
- d) RT-PCR.
- e) Cushing syndrome.
- f) Endemic Goiter.
- g) Emergency hormone.
- h) Laboratory diagnosis of HIV.



8 x 5