

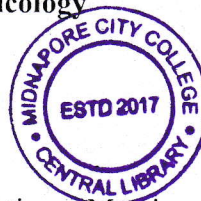
The West Bengal University of Health Sciences
M.Sc. MLT in Biochemistry 2nd Year December, 2023- January,
2024 Examination

Subject : Pharmaceutical Chemistry & Toxicology

Time: 3 hrs

Full Marks: 80

Attempt all questions



1. Answer the following questions :

- a) Write in brief about the behavioural pattern of different radiations. Mention any two units of radioactivity measurement. 8+2
- b) Enlist Quinolones. Write therapeutic uses and adverse effects of them. Give therapeutic uses and adverse effects of chloramphenicol. 5+5
- c) Classify antihypertensive agent. Write a note on calcium channel blockers. Write down two drugs used as calcium supplement. 8+2
- d) Define the following : 2+2+2+2+2
 - i) Preservative.
 - ii) Expectorant.
 - iii) Deliquescent.
 - iv) Sedatives.
 - v) Laxatives

2. Attempt all questions :

8 x 5

- a) Define pharmacokinetics. Write factors affecting the absorption of drugs.
- b) Give a brief account on diluents and preservatives used in pharmaceutical industry.
- c) Write down the category of toxins those are encountered in our life.
- d) Discuss the principle of limit test of iron and lead.
- e) Write composition of various iodine preparations.
- f) Write a note on drug antagonism.
- g) Define 'Immediate toxicity' and 'Delayed toxicity'.
- h) Give ideal characteristics of antibacterial agents.