The West Bengal University of Health Sciences
M.D. (Pharmacology) May - June, 2022 Examination

Paper: I

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Define clearance of drug. How clearance is calculated. State clinical significance of clearance. 10

2. Mention different types of dose response curves. How margin of safety of a drug calculated from dose response curves. 10

3. State best practice recommend actions to reduce medication administration errors. 10

4. Discuss the targeted drug delivery systems. 10

5. Discuss therapeutic applications of enzymes. 10

6. Apparent volume of drug distribution and its clinical importance. 10

7. Pharmacogenomics and its implications. 10

8. Describe different methods of causality assessment and their role in evolving pharmacovigilance. 10

9. Describe chronopharmacology and its implication in drug therapy. 10

10. Write a short note on reverse pharmacology. 10