

Question Paper for the post of Pharmacist.
Post code: 203
Advt. No. : 113ERM/NF (19)/Contractual/2022-23

Duration : 90 minutes

Max. Marks : 100

Date: 13.06.2023

Note: All questions are compulsory. Each question carries 10 marks

1. Explain in details sources of impurities present in medicinal agents.
2. Classify NSAIDs. Elaborate mechanism of action, pharmacology, mechanism of action, adverse actions and therapeutic uses of salicylates.
3. What are glycosides? Classify them with examples. Write tests for identification of glycosides.
4. Define pharmacokinetics and pharmacodynamics. Discuss various routes for drug administration with their advantages and disadvantages.
5. Classify antihypertensive drugs with suitable examples. Discuss mechanism of action and therapeutic uses of ACE inhibitors and calcium channel blockers.
6. Discuss the principle and applications of redox titrations.
7. Define and classify emulsions. Discuss briefly identification tests for determination of different types of emulsions.
8. Define enzymes .Discuss various factors affecting enzyme activity.
9. Define adverse drug reaction (ADR) and classify with suitable examples.
Describe the role of pharmacist to monitor ADR.
10. Explain the constitution and functions of Pharmacy council of India.