

Duration: 03 hours

Total Marks : 75

- N.B: 1. All questions are compulsory.
2. Figures to the right indicate full marks.

20

- Q1**
- i** Choose the correct Answer and write it down
In the hospital, _____ staff members are like part-time consulting medical staff.
- Alternative 1 Residential
Alternative 2 Associate
Alternative 3 Consulting
Alternative 4 Honorary
- ii** Which of the following belongs to unpredictable ADR?
- Alternative 1 Rebound effect on discontinuation
Alternative 2 Allergic reactions and anaphylaxis
Alternative 3 Excessive pharmacological activity
Alternative 4 Rebound effect on discontinuation
- iii** _____ is a group of recipients of drug of interest and studies involve observing them for different time periods to check what happens to them.
- Alternative 1 Cross sectional studies
Alternative 2 Cohort Studies
Alternative 3 Case-control studies
Alternative 4 Retrospective studies
- iv** _____ are granted for the restricted sale of drugs other than those specified in Schedule C, C1, and X and those specified in Schedule C and C1, excluding X are governed by the form 20A and 21A, respectively.
- Alternative 1 General licences
Alternative 2 Restrictive licence
Alternative 3 Financial licence
Alternative 4 Registration licence
- v** What is the primary disadvantage of spontaneous ADR reporting systems?
- Alternative 1 High cost
Alternative 2 Time-consuming data collection
Alternative 3 Underreporting of ADRs
Alternative 4 Inability to identify rare ADRs
- vi** How many number of pharmacists are required in a hospital with 500 beds?
- Alternative 1 5
Alternative 2 8
Alternative 3 10
Alternative 4 15

- vii What is the primary purpose of a compounding pharmacy in the community setting?
- Alternative 1 To manufacture generic medications
 - Alternative 2 To create custom medications tailored to individual patient needs
 - Alternative 3 To sell over-the-counter medications at discounted prices
 - Alternative 4 To conduct clinical trials for new drugs
- viii What is the most common type of community pharmacy?
- Alternative 1 Retail Pharmacy
 - Alternative 2 Hospital Pharmacy
 - Alternative 3 Compounding Pharmacy
 - Alternative 4 Mail order Pharmacy
- ix What is the main goal of community pharmacy management?
- Alternative 1 To increase patient outcomes
 - Alternative 2 To increase profit
 - Alternative 3 To provide cost effective care
 - Alternative 4 To diagnose disease correctly
- x What is the primary purpose of an automatic stop order policy?
- Alternative 1 To prevent medication errors in emergency situations
 - Alternative 2 To reduce pharmacy inventory costs
 - Alternative 3 To automatically discontinue specific medications after a predetermined time
 - Alternative 4 To substitute generic medications for brand names
- xi A pharmacist needs information about a newly published clinical trial. This would be classified as which type of drug information source?
- Alternative 1 Tertiary source
 - Alternative 2 Primary source
 - Alternative 3 Secondary source
 - Alternative 4 Quaternary source
- xii Which communication technique is most effective during patient counselling?
- Alternative 1 Open-ended questions
 - Alternative 2 Closed-ended questions
 - Alternative 3 Leading questions
 - Alternative 4 Multiple-choice questions
- xiii Which cost is often considered when preparing a drug store budget to ensure adequate cash flow for operations?
- Alternative 1 Marketing costs
 - Alternative 2 Holding costs for inventory
 - Alternative 3 Renovation costs
 - Alternative 4 Staff recreational activities

- xiv Aspirin as an OTC if given to Children below 12 years, what is the potential fatal complications?
Alternative 1 Stevens- Johnson Syndrome
Alternative 2 Reye's Syndrome
Alternative 3 Carpal tunnel Syndrome
Alternative 4 Systemic Lupus Erythematosus
- xv During _____ the patients are reviewed in their unit or ward by the interns or medical postgraduate students in teaching hospitals.
Alternative 1 Pre-rounds
Alternative 2 Resident round
Alternative 3 Chief round
Alternative 4 Teaching round
- xvi In drug therapy monitoring, which of the following is a key activity for a clinical pharmacist?
Alternative 1 Ordering lab tests independently
Alternative 2 Observing and assessing the therapeutic and adverse effects of medications
Alternative 3 Filling prescriptions for inpatients
Alternative 4 Writing discharge summaries
- xvii How should investigational drug be stored in hospital pharmacy.
Alternative 1 With regular inventory
Alternative 2 In a designated secure area
Alternative 3 In any available space
Alternative 4 With controlled substances
- xviii Which section of the pharmacy store should be under lock and key.
Alternative 1 OTC medicines
Alternative 2 Narcotic drug
Alternative 3 Vitamins
Alternative 4 Antibiotics
- xix Which leucocytes release heparin and histamine in blood?
Alternative 1 Neutrophil
Alternative 2 Basophil
Alternative 3 Eosinophil
Alternative 4 Monocytes
- xx Estimation of Red cell count is carried out by ____
Alternative 1 Electrogram
Alternative 2 Sphygmomanometer
Alternative 3 Haemoglobinometer
Alternative 4 Haemocytometer

- QII** Answer the following (Any two out of three) 20
- i Define Hospital Pharmacy. Write the organizational structure and responsibilities of Hospital Pharmacist.
 - ii Define Hospital Formulary and describe the objectives and contents of the Hospital Formulary
 - ii Discuss the various sources of drug information available to healthcare professionals, and explain their advantages and limitations .
- QIII** Answer the following (Any seven out of nine) 35
- i Define drug interactions. Discuss types of drug interactions with examples.
 - ii Explain the interview process in medication history interview.
 - iii Describe in detail drug distribution system in hospitals
 - iv Explain the role of a pharmacist in developing and implementing internal training programs in a hospital setting.
 - v Explain the principles of pharmaceutical care and how they apply to medication order review and patient counselling.
 - vi Write a short note on the sale of OTC drugs with the advantages and disadvantages of OTC sale.
 - vii Give the importance of dosing pattern. Describe the drug therapy based on pharmacokinetic and disease patterns.
 - viii Describe Inventory control and explain in detail ABC analysis.
 - ix Explain three distinct testing phases of urine analysis.
