

(Time: 3 Hours)

(Total Marks: 75)

- Note :
- i) All questions are compulsory.
  - ii) Figures to the right indicate full Marks.

**Q.I** Choose the correct Answer and write it down **20**

**i** Which department in a hospital is responsible for managing patient admissions and ensuring proper utilization of beds?

- Alternative 1 Radiology Department
- Alternative 2 Dietary Services
- Alternative 3 Medical Records Department
- Alternative 4 Human Resources Department

**ii** Community pharmacists often play a key role in identifying and preventing drug interactions and adverse effects. What is this practice known as?

- Alternative 1 Pharmacoeconomics
- Alternative 2 Medication reconciliation
- Alternative 3 Medication therapy management
- Alternative 4 Drug compounding

**iii** What document serves as a written prescription for a patient's inpatient medications and includes the drug, dose, frequency, and route of administration?

- Alternative 1 Patient insurance card
- Alternative 2 Medication discharge plan
- Alternative 3 Medication order or chart
- Alternative 4 Physician's license

**iv** Grapefruit juice is known to interact with various medications, especially those metabolized by the liver. What is the mechanism of this interaction?

- Alternative 1 It enhances drug metabolism
- Alternative 2 It inhibits drug metabolism
- Alternative 3 It has no impact on drug metabolism
- Alternative 4 It reduces drug-protein binding

**v** Why is it crucial for healthcare professionals to consider drug-drug interactions during patient care?

- Alternative 1 To minimize the cost of medications for patients
- Alternative 2 To avoid adverse effects and ensure optimal therapy
- Alternative 3 To determine which drugs are most effective
- Alternative 4 To improve the taste of oral medications

- vi** Which of the following is an example of an idiosyncratic adverse drug reaction?
- Alternative 1 Nausea and vomiting after chemotherapy  
Alternative 2 Allergic skin rash after taking an antibiotic  
Alternative 3 Drowsiness as a result of an antihistamine  
Alternative 4 Gastric irritation due to non-steroidal anti-inflammatory drugs
- vii** When was the International level convention held to exercise control on the use of narcotics?
- Alternative 1 1930  
Alternative 2 1919  
Alternative 3 1940  
Alternative 4 1945
- viii** In hospitals where a catalogue has been published, what type of requisition form is recommended?
- Alternative 1 Pre-printed requisition form  
Alternative 2 Handwritten requisition form  
Alternative 3 Online requisition form  
Alternative 4 Special requisition form
- ix** Which of the following is a manual containing clinically oriented summaries of pharmacological information about some of the selected drugs?
- Alternative 1 Drug formulary  
Alternative 2 Drug list  
Alternative 3 Loose leaf formulary  
Alternative 4 Ancillary formulary
- x** Prescriptions and \_\_\_\_\_ are the principal ways through which the prescribers and the pharmacists communicate with each other concerning the desired treatment regimen for a patient.
- Alternative 1 Medication orders  
Alternative 2 Dosage instructions  
Alternative 3 Treatment plans  
Alternative 4 Medication recommendations
- xi** \_\_\_\_\_ is the process in which the professionals in different departments report to each other regarding the care provided to the patients.
- Alternative 1 Cross-functional collaboration  
Alternative 2 Patient care coordination  
Alternative 3 Multidisciplinary information sharing  
Alternative 4 Interdepartmental communication

**xii** \_\_\_\_\_ contains current news about devices and health industries.

- Alternative 1 Pharmaceutical News Index (PNI)
- Alternative 2 MICRODEX
- Alternative 3 MEDLINE
- Alternative 4 Drug abuse warning network

**xiii** Preparation of budget is \_\_\_\_\_ which calls for the compilation of all relevant facts and figures.

- Alternative 1 Forecasting
- Alternative 2 Planning
- Alternative 3 Organizing
- Alternative 4 Preparing Questions

**xiv** Usually at least \_\_\_\_\_ ward round is conducted every day to review the progress of each patient.

- Alternative 1 One
- Alternative 2 Two
- Alternative 3 Five
- Alternative 4 Seven

**xv** TDM is very essential for those drugs with \_\_\_\_\_ therapeutic index.

- Alternative 1 Wide
- Alternative 2 Narrow
- Alternative 3 Large
- Alternative 4 Small

**xvi** OTC drugs are \_\_\_\_\_.

- Alternative 1 Ethical Drugs
- Alternative 2 Prescription Drugs
- Alternative 3 Non-Prescription Drugs
- Alternative 4 Ethical & Prescription Drug

**xvii** F S N in the layout of the drug store stands for \_\_\_\_\_ .

- Alternative 1 Fast moving, slow moving, non-moving material
- Alternative 2 First, Six, Nine
- Alternative 3 Fast moving, storing, net quantity
- Alternative 4 Fast Moving, Slow Moving, New material

**xviii** VED analysis stands for \_\_\_\_\_ .

- Alternative 1 Very essential deal
- Alternative 2 Vital essential desirable
- Alternative 3 Very essential desirable
- Alternative 4 Vital essential deal

- xix** A ledger or bin card has \_\_\_\_ codes.
- Alternative 1 1  
Alternative 2 2  
Alternative 3 3  
Alternative 4 4

- xx** Westergren and Wintrob are the methods for the determination of \_\_\_\_\_.
- Alternative 1 Anaemia  
Alternative 2 Hb  
Alternative 3 ESR  
Alternative 4 Blood sugar

**Q.II Answer the following (Any two out of three) 20**

- i Draw a well-labelled layout of the community Pharmacy. Discuss legal requirements and maintenance of various records for Community Pharmacy.
- ii Define the Hospital Formulary, and describe the objectives and contents of the Hospital Formulary.
- ii Describe in brief the policies of the Pharmacy and Therapeutic Committee in in-patient and out-patient prescription.

**Q.III Answer the following (Any seven out of nine) 35**

- i Discuss various mechanisms of drug interactions altering the absorption of drugs with suitable examples.
- ii Describe the dispensing of controlled drugs.
- iii Explain the interview process in the medication history interview.
- iv Describe the drug information services.
- v Describe various modes of communication with patients.
- vi Elaborate budget preparation and its implementation.
- vii Describe Pharmacist Intervention in drug therapy monitoring.
- viii Explain in detail the Purchase procedure.
- ix Explain three distinct testing phases of urine analysis.

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