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D.Pharm. Part II (Regular) End-Term Examination

COMMUNITY PHARMACY AND MANAGEMENT

Full Marks – 80

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Objective type (Answer all *twenty*) : (20 × 1 = 20)
- (i) What are the causes of Asthma?
- (a) Allergen (b) Smoke
(c) Dust (d) All of the above
- (ii) Which of the following is NOT a function of a community pharmacist?
- (a) Dispensing medication
(b) Compounding drugs
(c) Conducting clinical trials
(d) Patient counselling
- (iii) A successful CRM increases production and Profit throughout the _____.
- (a) System life cycle
(b) Business life cycle
(c) Customer life cycle
(d) Organization life cycle
- (iv) What is the purpose of a Material Safety Data Sheet (MSDS)?
- (a) To provide information on medication prices
(b) To inform patients about potential side effects
(c) To provide safety information about chemicals and products
(d) To explain the mechanism of action of drugs

[Turn over

- (v) What does OTC stand for in the context of pharmacy?
- (a) Over the Telephone Consultation
 - (b) Over the Counter
 - (c) On-Time Care
 - (d) On-Target Compensation
- (vi) _____ increases the absorption of iron from intestine.
- (a) Cyanocobalamine
 - (b) Ascorbic acid
 - (c) Biotin
 - (d) Tetracyclines
- (vii) Which of the following is true for inventory control?
- (a) EOQ
 - (b) VED
 - (c) ABC
 - (d) All of the above
- (viii) Minimum space required for Community Pharmacy as per Drug and Cosmetic Act and Rules 1945.
- (a) 10 sq.m
 - (b) 15 sq.m
 - (c) 108 sq.m
 - (d) Both (a) and (c)
- (ix) Who is responsible for preparing the SOP in community pharmacy?
- (a) Physician
 - (b) Pharmacist
 - (c) Nurse
 - (d) None of the above
- (x) The 'subscription' part of prescription is a direction to the _____.
- (a) Pharmacist
 - (b) Physician
 - (c) Nurse
 - (d) Patient
- (xi) Pradhan Mantri Bharatiya Janaushadhi Pariyojana (PMBJP) was launched by Govt of India in _____.
- (a) Nov, 2008
 - (b) Nov, 2010
 - (c) Nov, 2019
 - (d) Nov, 2023
- (xii) Petty Cashbook is a book of accounts which records _____ amount.
- (a) Minor
 - (b) Major
 - (c) Both (a) and (b)
 - (d) None of the above
- (xiii) Minimum practical training requires to become a pharmacist as per PCL.
- (a) 100 hours
 - (b) 500 hours
 - (c) 200 hours
 - (d) None of the above

(xiv) VED stands for _____.

(xv) Communication is a _____ process. (Unidirectional/bidirectional)

(xvi) Patient related factors for non-adherence

- (a) Low health literacy
- (b) Physical impairment
- (c) Forgetfulness
- (d) All of the above

(xvii) The process of preparing a medication in a form suitable for administration to a patient is called

- (a) Dispensing
- (b) Prescribing
- (c) Formulating
- (d) Compounding

(xviii) The Drug and Cosmetic Act in India is administered by:

- (a) Ministry of Health and Family Welfare
- (b) Ministry of Agriculture
- (c) Ministry of Home Affairs
- (d) Ministry of Commerce and Industry

(xix) 'Prescription only medicine' fall under which schedule as per Drug and Cosmetic Act.

- (a) Schedule A
- (b) Schedule B
- (c) Schedule C
- (d) Schedule H

(xx) Which of the following is a non-prescription medication commonly used for pain relief?

- (a) Warfarin
- (b) Acetaminophen
- (c) Amlodipine
- (d) Insulin

2. Short Answer (Answer *ten* out of *eleven*) :

(10 × 3 = 30)

- (a) Explain various parts of a prescription.
- (b) Write the basic elements of communication.
- (c) Write the role and responsibilities of community pharmacists in rational drug therapy.
- (d) Mention the legal requirements to set up a community pharmacy.
- (e) Differentiate between ABC and VED analysis techniques in inventory control.
- (f) Enlist the various factors affecting medication adherence.
- (g) Write a note on financial planning and management in community pharmacy.

- (h) What do you mean by 'OTC Medication'? List the categories of OTC Medication.
- (i) Discuss the various steps involved in patient counselling.
- (j) Explain the key benefits of incorporation of digital health technologies and the emergence of online pharmacies in modern healthcare.
- (k) Write in details about patient information leaflet.

3. Long answer questions (Answer six out of seven) : (6 × 5 = 30)

- (a) Explain in brief about the scope and importance of health screening services.
- (b) Define Balanced diet. Write a note on vitamin deficiency and its prevention.
- (c) Explain in details about 'day book' and 'cash book' with suitable format.
- (d) Write the pathophysiology and common drug therapy for constipation and diarrhoea.
- (e) Define inventory control. List out various methods of inventory control.
- (f) What do you mean by 'SOP'? Write the significance of SOP in pharmacy management.
- (g) Write short note on (Any two) : (2.5 + 2.5 = 5)
 - (i) Medication Adherence
 - (ii) Use of Computer in healthcare
 - (iii) Customer Relation Management (CRM).