

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D –Year-II • EXAMINATION – SUMMER - 2024

Subject Code: 828805**Date:31/05/2024****Subject Name: COMMUNITY PHARMACY****Time: 10:30am to 01:30pm****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Define patient medication adherence. Explain the factors affecting adherence? **06**
(b) Define pharmaceutical care. Write the functions of pharmaceutical care. **04**
(c) Explain the role of the community pharmacist in the healthcare sector. **04**
- Q.2** (a) What is the importance of health screening services in a community pharmacy? **06**
Elaborate on health screening services for lung function tests.
(b) Define the prescription and write the parts of the prescription. **04**
(c) Explain the pharmacokinetic and pharmacodynamic changes in geriatric patients. **04**
- Q.3** (a) Describe schedule N. What are the legal requirements to start a Community **06**
Pharmacy outlet?
(b) Give the clinical presentation of the following diseases: (i) Tuberculosis (ii) **04**
AIDS.
(c) Explain in detail how community pharmacists can improve the rational use of **04**
drugs in community.
- Q.4** (a) Define OTC medication. List the categories of OTC medication. Mention two **06**
counseling information while dispensing NSAIDS and antihistamines.
(b) What are the different contraceptive methods? Explain the role of a pharmacist **04**
in family planning.
(c) Explain the pathophysiology and clinical presentation of Malaria. **04**
- Q.5** (a) Describe pathophysiology and drug therapy for pain and dyspepsia. **06**
(b) Mention the clinical symptoms of Vitamin A and D deficiency. **04**
(c) What are the causative organisms, symptoms, treatment and prevention of **04**
Typhoid.
- Q.6** (a) Define the following terms: Lead time, Safety stock, Idiosyncrasy, Health, **06**
balance diet, coding
(b) Explain in detail two drug databases used in the provision of drug information. **04**
(c) Explain in detail the various ethics a pharmacist must follow for the practice **04**
of pharmacy.
- Q.7** (a) Explain various types of Inventory control techniques used for the procurement **06**
of medicines.
(b) Give the causative agents and clinical presentations of Hepatitis and Gonorrhoea. **04**
(c) What are the barriers of counseling? Explain strategies to overcome the **04**
barriers.