

DOCTOR OF PHARMACY
Second Year Pharm. D. : SUMMER : 2022
SUBJECT: PHARMACOTHERAPEUTICS-I

Day : Friday
Date 13-May-2022

S-5736-2022

Time : 02:00 PM-05:00 PM
Max. Marks: 70

N.B.:

- 1) **Q.No.1 and Q.No.5** are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** A) Answer **ANY FOUR** of the following: [08]
a) Differentiate between Blue blockers and Pink puffers.
b) Give clinical presentation of CHF.
c) Give mechanism of action of Nitrate in CVD treatment.
d) What is hypoglycemia and how it should be managed?
e) Write in brief about various preparations of oral contraceptives.
f) Discuss the use of selective beta blockers in hypertension.
- B) What is DIPD? Explain. [03]
- Q.2** Explain and elaborate on Asthma and its complete management. [12]
- Q.3** a) Give a detail account of antiarrhythmics. [07]
b) Explain the electrophysiology of Heart. [05]
- Q.4** Write short notes on **ANY THREE** of the following: [12]
a) Hypertension crisis and its management
b) COPD
c) Management of Diabetes II
d) Thyroid diseases

SECTION – II

- Q.5** A) Answer **ANY FOUR** of the following: [08]
a) Define and classify glaucoma.
b) Enlist the altered physiological parameters in pregnancy which needs to be considered while prescribing medicine?
c) Define and classify conjunctivitis.
d) Define rational use of drug and essential drug concept.
e) Enlist steps involved in writing prescription for geriatric patients.
f) Difference between open and closed angle glaucoma.
- B) What are the rational drug formulations? [03]
- Q.6** What is the WHO Model of Essential Medicine List? Describe the steps involved in its development. [12]
- Q.7** a) Discuss the role of pharmacist in rational use of drug. [07]
b) Discuss the prescription guideline for pediatric patients. [05]
- Q.8** Write short notes on **ANY THREE** of the following: [12]
a) Pharmacotherapy of conjunctivitis
b) Prescribing guidelines for Breast feeding conditions
c) Altered pharmacokinetic and pharmacodynamic properties in geriatrics
d) Role of β -blockers in treatment of glaucoma

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