

**DOCTOR OF PHARMACY**  
**Fourth Year Pharm. D. : SUMMER : 2022**  
**SUBJECT: PHARMACOTHERAPEUTICS -III**

Day : Thursday  
Date 05-May-2022

S-5743-2022

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

**N.B.:**

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

**SECTION-I**

- Q.1** a) Attempt **ANY FOUR** of the following. (08)
- i) Name the various pathophysiologic mechanisms of drug induced liver disorders.
  - ii) Write the clinical presentations of jaundice. Enumerate the etiologies.
  - iii) Name any two proton pump inhibitors and enlist the various adverse effects of this class.
  - iv) When parenteral iron formulations are preferred? Name any one.
  - v) "Formulation of a drug have an impact in management of ulcerative colitis". Justify the statement.
  - vi) Enumerate the adverse effects of carbamazepine.
- b) Write the clinical presentations of Absence seizure. Name the drug used as first choice for its management with dose. (03)
- Q.2** What are the sources for vitamin B12? Explain etio-pathogenesis and pharmacotherapy of megaloblastic anemia. (12)
- Q.3** a) Explain "triple" drug regimen prescribed for H-pylori infection. (07)
- b) "LMWH" are preferred in the management DVT. Why? Name any two drugs. (05)
- Q.4** Write short notes on **ANY THREE** of the following. (12)
- a) Warfarin
  - b) Prevention of hepatitis A
  - c) Drug management of obsessive compulsive disorder.
  - d) Principles of pharmacotherapy of ischemic stroke.

**SECTION-II**

- Q.5** a) Attempt **ANY FOUR** of the following. (08)
- i) Write any four examples of drug induced blood disorders.
  - ii) A 54 y/o female complains of leg pain, swelling of leg and she feels warmth upon touch of skin. Identify the clinical condition and mention the etiologies and risk factors.
  - iii) Name any two short acting benzodiazepines. Write the labelled indications of these agents.
  - iv) What are the cardinal features of parkinsonism?
  - v) What are the adverse effects of levodopa?
  - vi) Write the etio-pathogenesis of Alzheimer's disease.
- b) Draw the treatment algorithm for migraine headaches. (03)
- Q.6** Classify epilepsy. What are the goals of treatment? Write the general principles should be adopted for its management. (12)
- Q.7** a) What are the benefits and demerits of carbidopa-Levodopa combination prescribed for PD management? (07)
- b) What are the advantages of 2<sup>nd</sup> generation antipsychotics? Name any two. (05)
- Q.8** Write short notes on **ANY THREE** of the following. (12)
- a) Cholinesterase inhibitors used in Alzheimer's disease.
  - b) Non-opioid analgesics in pain management
  - c) Generalised Anxiety disorder (GAD)
  - d) Evidence based medicine.