

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

Day : Tuesday

Time : 02:00 PM-05:00 PM

Date : 13-09-2022

S-5743-2022

Max. Marks : 70

N.B. :

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

SECTION - I

- Q.1** A) Answer **ANY FOUR** of the following: **(08)**
- a) Explain schilling test in brief.
 - b) Define ascitis.
 - c) What is the rationality of using Levodopa and Carbidopa combination? What is the ratio of these two agents in marketed preparations?
 - d) State the recommended doses and schedules of any one Hepatitis-B vaccine for HBV prevention.
 - e) What are the sign and symptoms of megaloblastic anaemia?
 - f) State any two examples of drug induced thrombocytopenia?
- B) Explain the pharmacotherapy of NSAID induced ulcers. **(03)**
- Q.2** Explain aetiology, clinical symptoms, diagnosis and pharmacotherapy of ulcerative colitis (UC). **(12)**
- Q.3** a) Explain the pharmacotherapy of *H. pylori* associated ulcers. **(07)**
- b) Define Evidence Based Medicine (EBM). Write the different steps involved in EBM. **(05)**
- Q.4** Write short notes on **ANY THREE** of the following: **(12)**
- a) Pharmacotherapy of anemia in chronic renal failure
 - b) Differentiate atypical antipsychotics are preferred than typical antipsychotics
 - c) Modes of Transmission of HBV Infection
 - d) Portal hypertension and its management in alcoholic liver disease
 - e) Crohn's disease

SECTION - II

- Q.5** A) Answer **ANY FOUR** of the following: **(08)**
- a) State the monitoring parameters for Lithium.
 - b) What are the adverse effects of dopamine agonists? State any two drugs of this class.
 - c) Write the signs and symptoms of migraine.
 - d) Mention the various opioid analgesics used for pain relief. Write the adverse effects of opioid analgesics?
 - e) What are the demerits of carbamazepine prescribed in epilepsy?
 - f) Mention any two newer generation antiepileptic drugs (AEDs). State any one merit over conventional AEDs.
- B) Write the signs and symptoms of schizophrenia disorders. **(03)**
- Q.6** Describe the clinical manifestations and pharmacotherapy of generalized seizures. **(12)**
- Q.7** a) Discuss about etio-pathogenesis, treatment objectives and pharmacotherapy of iron deficiency anemia (IDA). **(07)**
- b) Write in brief about Triptans used in migraine management. **(05)**
- Q.8** Write short notes on **ANY THREE** of the following: **(12)**
- a) Pharmacotherapy of Insomnia
 - b) Pharmacotherapy Management of mania
 - c) SSRI's in depression
 - d) Drug induced Parkinson's disease
 - e) Management of Status Epilepticus

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