

**FOURTH YEAR PHARM. D. : SUMMER - 2022**  
**SUBJECT : PHARMACOTHERAPEUTICS - I + II\***

Day : Thursday  
Date : 19-05-2022

Time : 2:00 PM TO 5:00 PM.  
Max. Marks : 70

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**N.B.:**

- 1) Question No. 1 and Question No. 5 are **COMPULSORY**.
- 2) Out of remaining answer any other **TWO** questions from section - I and **TWO** questions from section - II.
- 3) Answer section- I and Section - II on **SEPARATE** answer books.
- 4) Figures to the right indicate **FULL** marks.

**SECTION - I**

- Q.1** A) Attempt **ANY FOUR** of the following: (08)
- a) What are the risk Factors for Acute renal Failure?
  - b) How to diagnose gastroenteritis?
  - c) Explain goals of therapy for Leukemia.
  - d) Differentiate between ARF and CRF.
  - e) Enlist signs and symptoms for - Syphilis.
  - f) What is the non-pharmacological treatment for meningitis?
- B) Describe clinical presentation for fungal infections. (03)
- Q.2** Describe etiopathogenesis, clinical presentation and treatment of TB . (12)
- Q.3** a) Classify different pneumonias. (07)
- b) Explain pharmacologic treatment for meningitis. (05)
- Q.4** Write short note on **ANY THREE** of the following: (12)
- a) Opportunistic infections in HIV-treatment
  - b) HIV pathophysiology
  - c) SLE diagnostic criteria
  - d) Scabies

**SECTION - II**

- Q.5** A) Attempt **ANY FOUR** of the following: (08)
- a) Comment on importance of placental transfer of drugs.
  - b) Why care has to be given while prescribing drugs to pediatrics?
  - c) What is the causes of glaucoma?
  - d) What are the essential drugs as per WHO?
  - e) How insulin differs from metformin in mechanism of action and used?
  - f) What are causes and risk factors for Osteoporosis?
- B) Comment on longterm effects on uncontrolled diabetes. (03)
- Q.6** Describe pathophysiology of congestive cardiac failure and explain mechanism of action and adverse reactions of digitalis. (12)
- Q.7** a) Describe drug induced pulmonary diseases with suitable examples. (07)
- b) Comment on thyroid diseases with respect to biosynthesis of hormone. (05)
- Q.8** Write short note on **ANY THREE** of the following: (12)
- a) Drugs during lactation
  - b) Viral conjunctivitis
  - c) Rational use of drugs
  - d) Hormone replacement therapy

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