

**Second Year Pharm. D : SUMMER - 2019**  
**SUBJECT : PHARMACOTHERAPEUTICS – I**

Day : **Saturday**  
Date : **20/04/2019**

**S-2019-4510**

Time : **02.00 P.M. TO 05.00 PM**  
Max. Marks: **70**

**N.B.**

- 1) **Q.1 and Q.5 are COMPULSORY.** Out of the remaining questions, attempt any **TWO** questions from each section.
- 2) Answer to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

**SECTION – I**

- Q.1** A) Attempt any **FOUR** of the following: **(08)**
- 1) Define Asthma, Chronic bronchitis and Emphysema.
  - 2) Differentiate hyper versus hypothyroidism.
  - 3) Give pathogenesis of myocardial infraction.
  - 4) Clinical presentation of CCF.
  - 5) Etiological factors of Hyperlipidemia.
  - 6) What is Nitrate Tolerance?
- B) Describe hypertensive emergencies. **(03)**
- Q.2** Explain the pathogenesis, clinical presentation, diagnosis and treatment of Diabetes. **(12)**
- Q.3** a) Management of Hypo and Hyperthyroidism. **(07)**  
b) Osteoporosis management. **(05)**
- Q.4** Write short notes on any **THREE** of the following: **(12)**
- a) Complication of diabetes and its management
  - b) Electrophysiological properties of CVS
  - c) Management of Arrhythmias
  - d) Use of Beta blockers in CVD.

**SECTION – II**

- Q.5** A) Attempt any **FOUR** of the following: **(08)**
- 1) What is rational use of a drug?
  - 2) Which antibiotics are safe in breastfeeding?
  - 3) What are the sign and symptoms of conjunctivitis?
  - 4) What is essential medicine?
  - 5) Factors to be considered in geriatric prescribing.
  - 6) Give the examples of rational drug combination.
- B) Give an account of WHO indicators used for evaluating rational use of drugs. **(03)**
- Q.6** Discuss the etiology, classification, clinical manifestations and pharmacotherapy in the management of glaucoma. **(12)**
- Q.7** a) Describe the reasons for irrational use of drugs. **(07)**  
b) Discuss in detail viral conjunctivitis. **(05)**
- Q.8** Write short notes on any **THREE** of the following: **(12)**
- a) Prescribing guidelines in pregnancy.
  - b) Essential drug concept
  - c) Pharmacist role in rational drug formulation
  - d) Pediatric dose calculation

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