

**SECOND YEAR PHARM. D : SUMMER - 2018**  
**SUBJECT : PHARMACOTHERAPEUTICS - I**

Day : **Wednesday**  
Date : **18/04/2018**

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

**S-2018-4031**

**N. B. :**

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

**SECTION - I**

- Q. 1 A)** Answer **ANY FOUR** of the following: **(08)**
- i) Enlist two medicines used to control asthma.
  - ii) Write the unwanted effects of Nitrates.
  - iii) Enlist signs and symptoms of conjunctivitis.
  - iv) Differentiate between essential and secondary hypertension.
  - v) Define FVC, FEV<sub>1</sub>
  - vi) Mention goal of therapy of Myocardial Infraction.
- B)** Discuss the role of diuretics in hypertension. **(03)**
- Q. 2** Discuss etiology, clinical manifestations and pharmacotherapy Of M.I **(12)**
- Q. 3 a)** Discuss the pharmacotherapy of COPD **(07)**
- b)** Discuss about drug induced bronchospasm. **(05)**
- Q. 4** Write short notes on **ANY THREE** of the following: **(12)**
- a) Pharmacotherapy of Glaucoma.
  - b) Pulmonary Function Test
  - c) Bronchodialators
  - d) Pharmacotherapy of CCF.

**P. T. O.**

**SECTION - II**

- Q. 5 A)** Answer **ANY FOUR** of the following: **(08)**
- i)** Describe the symptoms of type 2 Diabetes Mellitus.
  - ii)** Describe the mechanism of combined oral contraceptive.
  - iii)** Explain insulin synthesis.
  - iv)** Enlist the causes of hypothyroidism.
  - v)** Discuss common adverse effects of iodine & iodide.
  - vi)** Define teratogenicity with examples.
- B)** Prescription guidelines for pregnancy **(03)**
- Q. 6** Explain the pathophysiology, clinical presentations, complications and management of hyperthyroidism. **(12)**
- Q. 7 a)** Discuss general prescription guidelines for geriatrics. **(07)**
- b)** Describe in detail about Hormone Replacement Therapy. **(05)**
- Q. 8** Write short notes on **ANY THREE** of the following: **(12)**
- a)** Pathogenesis of osteoporosis.
  - b)** Management of type 2 Diabetes Mellitus.
  - c)** Rational drug Formulations
  - d)** HbA1C

\* \* \* \* \*