

SECOND YEAR PHARM. D (SUPPLEMENTARY) : SUMMER - 2018

SUBJECT: PHARMACOTHERAPEUTICS-I

Day : **Saturday**
Date : **07/07/2018**

S-2018-4060

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

N.B.:

- 1) Q. No. 1 and Q. No. 5 are **COMPULSORY**.
- 2) Out of the remaining attempt any **TWO** questions from Section-I and any **TWO** Questions from Section-II.
- 3) Answers to the two sections should be written in **SEPARATE** answer books.
- 4) Figures to the **RIGHT** indicate full marks.

SECTION-I

- Q.1 a)** Attempt any **FOUR** of the following: **(08)**
- i) Differentiate between Angina Pectoris and Myocardial infraction.
 - ii) List out drugs used for treating viral and bacterial conjunctivitis.
 - iii) Enlist the types of Glaucoma.
 - iv) Define and Classify COPD.
 - v) Enlist risk factors of hypertension.
 - vi) State role of statins in hyperlipidemia
- b)** Define CCF and enlist drugs used for treating CCF. **(03)**
- Q.2** Explain in detail about the etiology, pharmacotherapy and triggering factors responsible to produce Asthma. **(12)**
- Q.3 a)** Discuss pharmacotherapy of myocardial infraction. **(07)**
- b)** Discuss indications and significance of PFT. **(05)**
- Q.4** Write short notes on **THREE** of the following: **(12)**
- a) Antiarrhythmic drugs.
 - b) Diuretics.
 - c) Bronchodilators.
 - d) Electrophysiology of heart.

P.T.O.

SECTION-II

- Q.5 a)** Attempt any **FOUR** of the following: **(08)**
- i)** Describe the mechanism of metformin.
 - ii)** Enlist criteria for diagnosis of diabetes.
 - iii)** Enlist steps involved in writing prescription for geriatric patients.
 - iv)** Enlist the causes of primary and secondary hypothyroidism.
 - v)** Enlist the American Diabetic Association (ADA) recommended glycemic goal of therapy for diabetes mellitus.
 - vi)** Categorize medications used to treat osteoporosis.
- b)** Enlist the drugs to be avoided in geriatric patients. **(03)**
- Q.6** Discuss in detail therapeutic approach for management for diabetic mellitus in adults and geriatric patients. **(12)**
- Q.7 a)** Discuss the antiresorptive therapy for osteoporosis. Explain the role of calcium and vitamin D therapy in detail. **(07)**
- b)** Discuss in detail clinical presentation and diagnosis approach of thyrotoxicosis. **(05)**
- Q.8** Write short notes on **THREE** of the following: **(12)**
- a)** General prescription guidelines for paediatric patients.
 - b)** Discuss the role of pharmacist in rational drug use.
 - c)** Oral contraceptives.
 - d)** Hormone replacement therapy.

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