

SECOND YEAR PHARM. D : SUMMER - 2018
SUBJECT : PHARMACOLOGY- I

Day : **Thursday**
Date : **12/04/2018**

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

S-2018-4029

N.B.

- 1) Q.1 and Q.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 **SEPARATE** answer book.

SECTION – I

- Q.1** a) Answer any **FOUR** of the following: (08)
- i) Classify hypolipidemic drugs.
 - ii) Enlist the scope of pharmacology.
 - iii) Define bioequivalence.
 - iv) Classify drugs used in CHF.
 - v) Define Pharmacodynamics.
- b) Name the common drugs used to produce mydriasis and miosis. (03)
- Q.2** Classify the Antihypertensive drugs. Describe mechanism of action, ADME, therapeutic uses and preparation doses of propranolol and nifedipine. (12)
- Q.3** a) Enumerate the various routes of administration of drugs. Discuss the advantages and disadvantages of each route. (07)
- b) Describe the therapeutic uses and adverse effects of anticholinergic drugs. (05)
- Q.4** Write a note on any **THREE**: (12)
- a) Advantages and disadvantages of Drug Interactions
 - b) Treatment of parkinsonism
 - c) Dose response relationship
 - d) Antiarrhythmic drugs

SECTION – II

- Q.5** A) Solve any **FOUR** of the following: (08)
- i) Define hypnotics. Give two examples.
 - ii) Write the treatment of morphine poisoning.
 - iii) Enlist different types of hormonal contraceptives.
 - iv) Classify H₁ antihistaminics.
 - v) Define antipsychotics with examples.
- b) Explain the platelet activating factor. (03)
- Q.6** What are general anesthetics? Give sign and stages of anesthesia. Classify the anesthetics according to their mode of administration. Describe pharmacology of halothane. (12)
- Q.7** a) What are analgesics? Describe pharmacological action and therapeutic uses of opioids. (07)
- b) What are cough suppressants and expectorants? Describe the drugs used for these actions. (05)
- Q.8** Write a note on any **THREE**; (12)
- a) Nasal Decogestants
 - b) Treatment of methyl alcohol poisoning
 - c) Antithyroid drugs
 - d) Action of histamine

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