UPTU Notes

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Paper Id: 150623 Roll No: [redacted]

B PHARM

(SEM VI) THEORY EXAMINATION 2017-18

PHARMACOLOGY-II

Time: 3 Hours *Total Marks: 100*

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x10 = 20**

a. Define antihypertensive agents.
b. Classify class I anti-arrhythmic drugs.
c. What are haemitinics?
d. Define plasma volume expanders.
e. What are laxatives?
f. Define antitussives.
g. Name any two selective COX-2 inhibitors.
h. Give the two examples of potassium sparing diuretics.
i. What are autacoids?
j. Write any two functions of angiotensin.

SECTION B

2. Attempt any *three* of the following: **10 x 3 = 30**

a. What are cardiac glycosides? Discuss the pharmacological actions, mode of action and uses of digitalis.
b. Write a detailed note on iron.
c. Write a descriptive note on synthesis, storage, release, degradation, pharmacological actions and patho-physiological role of histamine.
d. Give the classification of anti-gout drugs. Explain the pharmacology of allopurinol.
e. Classify antiulcer drugs. Write a note on pharmacology of omeprazole.

SECTION C

3. Attempt any *one* part of the following: **10 x 1 = 10**

a. Classify antihyperlipidemics. Write a note on simvastatin.
b. Give the classification of antianginal drugs. Write a note on mode of action glyceryl trinitrate.

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4. **Attempt any *two* parts of the following:** **5 x 2 = 10**

a. Write a note on vitamin K. Classify coagulants.
b. Write a descriptive note on heparin.
c. Give the classification of anti-asthmatic drugs.

5. **Attempt any *one* part of the following:** **10 x 1 = 10**

a. Classify diuretics. Write a note on pharmacology of thiazides.
b. Give the classification of NSAIDs. Explain the pharmacology and mode of action of aspirin.

6. **Attempt any *one* part of the following:** **10 x 1 = 10**

a. Write a note on synthesis of various arachidonic acid metabolites.
b. Explain the actions and pathophysiological role of prostaglandins & leukotrienes

7. **Attempt any *two* parts of the following:** **5 x 2 = 10**

a. Classify laxatives and purgatives.
b. Write a note on metoclopramide.
c. Write a note on management of diarrhea.

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