Printed Pages:01 **Sub Code: MPL 201T**

Paper Id: 298201 **Roll No.**

M PHARM
(SEM II) THEORY EXAMINATION 2018-19
ADVANCED PHARMACOLOGY II

Time: 3 Hours ***Total Marks: 75***

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

SECTION A

1. Attempt *all* questions in brief. 10 x 2 = 20

a. Explain the mode of action of any antiprotozoal drug.
b. Suggest the reasons for using a combination of cotrimoxazole to control microbial infections.
c. Howis chronotherapy used in the treatment of cardiovascular diseases?
d. What are the various biochemical mediators for inflammation.
e. Classify anti ulcer agents.
f. Justify the protective role of antioxidants in our body.
g. What are the various drugs used orally as contraceptives.
h. Discuss the mechanism of action of streptomycin.
i. How can you prevent penicillin allergy in a patient?
j. How does drug affect calcium regulation in our body?

SECTION B

2. Attempt any *two* parts of the following: 2 x 10 = 20

a. Explain the mechanism of antibiotic resistance in our body. Suggest some ways to avoid them?
b. Classify antineoplastic agents. Discuss the mechanism of action of various drugs used in the treatment of cancer with examples.
c. How are free radicals generated? Enumerate the role of free radicals in neurodegenerative diseases.

SECTION C

3. Write short notes on any two of the followings: 3.5 x 2 = 7

a. Molecular mechanism of action of sex hormones
b. Oral Contraceptives
c. Corticosteroids and its uses

4. Attempt any *one* part of the following: 7 x 1 = 7

a. Describe molecular mechanism of actions of any one important antifungal agent.
b. How does drug resistance develop for βlactum antibiotics

5. Attempt any *one* part of the following: 7 x 1 = 7

a. Discuss the cellular and biochemical mediators of inflammation or allergic reaction
b. Justify the mechanism of selection of drugs commonly used in chemotherapy.

6. Attempt any *one* part of the following: 7 x 1 = 7

a Give a detailed account on constipation and its treatment.
b Describe the role of free radicals in the etiopathology of cancer?

7. Write short notes on (any one) 7 x 1 = 7

a. Advances in the treatment of Parkinson's disease
b. Application of chronotherapy in diabetes

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