Sub Code:BOP473

Paper Id: 150703 Roll No:

B. PHARM
(SEM-VII) THEORY EXAMINATION 2019-20
PHARMACOLOGY III
(PHARMACOLOGY & PHARMACOVIGILENCE)

Time: 3 Hours ***Total Marks: 100***

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

SECTION A

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

a. Enlist pleiotropic effect of growth hormone.
b. Write a sort note on oxytocin.
c. Define term Superinfection with suitable example.
d. Write a short note on Co-trimoxazole.
e. What do you mean by chromo therapy?
f. Explain Hydrotherapytherapy with suitable examples.
g. Highlight difference between "Adverse drug event" and "Adverse drug reaction".
h. Define LD50 and ED50.
i. What do you mean by attributed risk during cohort studies?
j. Define term odds ratio with suitable example.

SECTION B

2. Attempt any *three* of the following: 10x3=30

a. Define diabetes-mellitus. Write down the pharmacology of oral hypoglycaemic agents.
b. Discuss pharmacology of drugs used for HIV infection.
c. Write a detailed note on Acupressure therapy.
d. Discuss the role of clinical Pharmacist in reporting and prevention of ADR.
e. Define Epidemiology and explain various methods to conduct epidemiological studies.

SECTION C

3. Attempt any *one* part of the following: 10x1=10

a. Classify anti-thyroid drugs and describe their mechanism of action.
b. Write a detailed note on insulin preparations.

4. Attempt any *one* part of the following: 10x1=10

a. Classify cell wall inhibitors. Explain their target sites along with their mechanism of action.
b. Classify anti-Tubercular. Give an account on treatment of Tuberculosis.

5. Attempt any *one* part of the following: 10x1=10

a. Write a detailed note on Mud-therapy.
b. Write about the history and basic principles of naturopathy.

6. Attempt any *one* part of the following: 10x1=10

a. Discuss about current scenario on Fixed dose drug combinations in India.
b. Define the term Pharmacovigilance. Write a note on origin, aim and scope of Pharmacovigilance Programme in India.

7. Attempt any *one* part of the following: 10x1=10

a. Discuss in detail about Randomized Controlled trials.
b. Explain prospective and retrospective cohort study.

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