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**Printed pages: 01** **Sub Code: BOP473**

**Paper Id:** | 5 | 0 | 5 | 4 | **Roll No:** | | | | | | | | | | |

**B PHARM**

**(SEM VII) THEORY EXAMINATION 2017-18**

**PHARMACOLOGY III (PHARMACOLOGY & PHARMACOVIGILENCE)**

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

**Note: 1.** Attempt all Sections.

**SECTION A**

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

a. Define therapeutic index.
b. Define Pharmacoepidemiology.
c. Write mechanism and effect of Hydrotherapy.
d. Define Chromotherapy.
e. Write adverse effects of Rifampin
f. Write mechanism of action of Dapsone.
g. Enlist uses of Azithromycin.
h. Write two toxic effects of Gentamicin.
i. Enlist uses of vitamin D.
j. Define odds ratio.

**SECTION B**

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

a. Classify oral hypoglycemic drugs and discuss mechanism of actions and adverse of Sulfonylurea and Biguanides.
b. Write mechanism of action adverse effects and uses of Ciprofloxacin.
c. Classify antiviral drugs and discuss mechanism of action and uses of Acyclovir.
d. Explain role clinical Pharmacist in reporting, evaluation, monitoring, prevention and management of adverse drug reaction.
e. Write definition, types and various mechanisms of drug interaction.

**SECTION C**

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

(a) Write various type of methods female contraception.
(b) Discuss the mechanism of action of hormonal contraceptive interferes fertility.
(c) Write the uses of antiprogestin.

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

(a) Write definition, aim and scopes of pharmacovigilance.
(b) Discuss study design prospective and retrospective cohort study.

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

(a) Write definition, silent features of naturopathy and therapeutic approach acupressure.
(b) Write adverse effects and uses of Tetracycline.

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

(a) Write mechanism of action, adverse effects and uses of Penicillin.
(b) Write classification and uses of Cephalosporins

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

(a) Classify antithyroid drugs and discuss adverse effects and uses of Thioamides.
(b) Classify antimalarial drugs and discuss adverse effects and uses of Chloroquine

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