

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 & PHARMACOVIGILANCE)***Time: 3 Hours**Total Marks: 100***Note: 1.** Attempt all Sections.**SECTION A****1. Attempt all questions in brief. 2 x 10 = 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 antiprogesterin.

**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