



JAN-1612050701060500 Seat No. _____

M. P. M. (Sem. VI) (CBCS) (W.E.F. 2016) Examination

November - 2019

Pharmacology - III

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Attempt three questions from each section.
 - (2) Questions 1 and 5 are compulsory.
 - (3) Tie each section separately.
 - (4) Figure to the right indicates full marks for the respective question.

SECTION - I

- 1** Answer the following questions : (any seven) **14**
- (1) Classify quinolones.
 - (2) What is DOT therapy ?
 - (3) What do you mean by super infections ?
 - (4) Classify anti-anthelmintic ?
 - (5) What do you understand by serological products ?
 - (6) Enlist pharmacological effect of thyroid hormones.
 - (7) Define and classify Tocolytics.
 - (8) Classify and give uses of emetics.
 - (9) Explain Cushing syndrome.
 - (10) Enlist drug therapy for diarrhea.
- 2** Answer the following :
- (1) Describe targets and resistance mechanism for chemotherapy. **7**
 - (2) Discuss antibiotic therapy for Urinary tract infections. **6**
- 3** Answer the following :
- (1) Classify beta-lactam antibiotics. Discuss mechanism of actions therapeutic uses, resistant and adverse drug reactions of amoxicillin. **7**
 - (2) Classify antiviral. Discuss drug therapy for swine flu. **6**

- 4 Answer the following :
- (1) Classify anti-malarial agents. Discuss pharmacology of Chloroquin in detail. 7
 - (2) Classify anti-fungal agents. Discuss polyene antifungal agents. 6

SECTION - II

- 5 Answer the following : (any two) 14
- (1) Describe drug therapy for tuberculosis.
 - (2) Differentiate chloramphenicol and tetracycline.
 - (3) Give common characteristics of aminoglycoside antibiotics. Differentiate Azithromycin and Streptomycin.
- 6 Answer the following :
- (1) Classify anticancer agents base on cell cycle. Discuss antimetabolite anticancer agents. 7
 - (2) Classify immunosuppressive agents. Discuss Pharmacology of Calcineurin inhibitors. 6
- 7 Answer the following :
- (1) Classify oral hypoglycemic agents. Describe SGLT2 inhibitors. 7
 - (2) Classify glucocorticoids. Describe pharmacological actions, mechanism of actions and therapeutics uses of Dexamethasone. 6
- 8 Answer the following :
- (1) Classify drugs used for PUD. Describe acid suppressants. 7
 - (2) Classify anti-emetic. Describe pharmacology of domperidone. 6