



MCU-014-003608

Seat No. _____

M. P. M. (Sem. VI) (CBCS) Examination

May / June - 2018

Pharmacology - III

Faculty Code : 014

Subject Code : 003608

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Attempt three questions from each section.
 - (2) Questions 1 and 5 are compulsory.
 - (3) Draw neat and labeled diagram wherever necessary.
 - (4) Numbers to the right indicates full marks for the respective question.

SECTION – I

- 1 Write mechanism of action and therapeutic uses of following drugs : (any **seven**) **14**
 - (1) Ranitidine
 - (2) Clavulanic acid
 - (3) Sulfonamides
 - (4) Chloramphenicol
 - (5) Dapsone
 - (6) Paclitaxel
 - (7) Aldosterone
 - (8) Sildenafil
 - (9) Metronidazole
 - (10) Rifampicin

- 2 (A) Classify anticancer drugs. Write Mechanism of action of alkylating agents, Mention important adverse effects and therapeutic uses of alkylating agents. **7**
(B) Classify immunosuppressant drugs. Write mechanism of action, adverse reactions and uses of them. **6**

- 3 (A) Enlist aminoglycosides drugs. Write mechanism, uses and adverse effects of them. 7
- (B) Enlist macrolide drugs. Write mechanism, uses and adverse effects of them. 6
- 4 (A) Classify Penicillins. Write mechanism, uses and adverse effects of amoxicillin. 7
- (B) Enumerate antiulcer drugs. Write mechanism, uses and adverse effects of omeprazol. 6

SECTION – II

- 5 Answer any **two** questions from the following : 14
- (1) Pharmacology of insulin
- (2) Pharmacology of flouroquinolones
- (3) Pharmacology of NNRTIs.
- 6 (A) Classify antimalarial drugs. Write pharmacology of artemisinin. 7
- (B) Classify cephalosporins. Write mechanism of action and uses of cefpodoxime. 6
- 7 (A) Classify anti-HIV drugs. Write mechanism, adverse effects and uses of NRTIs. 7
- (B) Classify anti-TB drugs. Write mechanism, adverse effects and uses of isoniazide. 6
- 8 (A) Write a detailed note on pharmacology of anterior pituitary hormones. 7
- (B) Write a detailed note on pharmacology of glucocorticoids. 6