



PBC-1612010701050500 Seat No. _____

M. P. M. (Sem. V) (CBCS) (External) Examination

November / December - 2018

Pharmacology - II

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Attempt any 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** Describe mechanism of action and use of following drugs : **14**
(Any **Seven**)
- (1) Clopidogrel
 - (2) Dobutamine
 - (3) Fentanyl
 - (4) Zolpidem
 - (5) Lamotrigine
 - (6) Ropinirole
 - (7) Imipramine
 - (8) Halothane
 - (9) Spironolactone
 - (10) Ranitidine
- 2** (a) Classify Anti-hyperlipidemics. Write the pharmacology **7**
of HMG-CoA reductase inhibitors.
(b) Write the pharmacology of Opioid receptor agonists. **6**
- 3** (a) Classify Anti-epileptics. Write a pharmacology **7**
of Carbamazepine.

- (b) Explain advantages of benzodiazepines over barbiturates. **6**
- 4** (a) Classify Anti-depressants. Write the pharmacology of SSRIs. **7**
- (b) Write a detailed note on extra-pyramidal side effects. **6**

SECTION - II

- 5** Answer any **two** questions from the following : **14**
- (1) Classify Sedative-hypnotics.
- (2) Write the pharmacology of Proton-pump inhibitors.
- (3) Explain various stages of anesthesia.
- 6** (a) Classify anti-hypertensives. Write the pharmacology of Angiotensin receptor blockers. **7**
- (b) Explain the treatments for toxicity of Benzodiazepines and Morphine. **6**
- 7** (a) Classify anti-Parkinson drugs. Write the pharmacology of Levodopa and justify its use with Carbidopa. **7**
- (b) Write a short note on Ferrous sulphate and Streptokinase. **6**
- 8** (a) Classify anti-psychotics. Write a detailed note on atypical antipsychotics. **7**
- (b) Write a detailed note on pre-anesthetic medications. **6**