



JBQ-014-003508

Seat No. _____

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

January - 2020

Pharmacology - II

Faculty Code : 014

Subject Code : 003508

Time : 3 Hours]

[Total Marks : 80

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

SECTION - I

- 1 Answer the following questions : (any seven) 14**
- (1) What is significance of plasma kinin.
 - (2) Why ACE inhibitors cause cough ?
 - (3) Give the ideal properties of Plasma Expanders.
 - (4) What is atherosclerosis ?
 - (5) What are the early symptoms of epilepsy ?
 - (6) What are side effect of general anesthetics ?
 - (7) Which organ is responsible for the secretion of erythropoietin ?
 - (8) What do you mean by cognition enhancers and give examples ?
 - (9) Give the adverse effect of spironolactone.
 - (10) Define the term chees reaction.
- 2 Answer the following : 7**
- (1) Classify the drugs used for the treatment of Alzheimer's disease. 7
 - (2) Discuss the pharmacological action, adverse effect and interactions of levodopa. 6

- 3** Answer the following :
- (1) Classify the drugs used for the treatment of Parkinsonism. **7**
- (2) Classify anti-arrhythmic agents. Describe pharmacology of Class I anti-arrhythmic agents. **6**
- 4** Answer the following :
- (1) Classify various types of epilepsy and explain them in brief. Discuss pharmacology of phenytoin. **7**
- (2) Classify Angina. Explain in brief about the treatment of Angina. **6**

SECTION - II

- 5** Answer the following : (any two) **14**
- (1) Write a note on Stages of General Anesthesia.
- (2) Write in detail pharmacology of CNS stimulants.
- (3) Define: Depression and Mania. Classify antidepressants and discuss in brief about Tricyclic Antidepressants (TCAs).
- 6** Answer the following :
- (1) Write a short note on COX-2 inhibitors. **7**
- (2) What is anxiety ? Classify anti-anxiety agent. **6**
Discuss pharmacology of any two anti-anxiety drug in detail.
- 7** Answer the following :
- (1) Enumerate cardiac glycosides, Describe the pharmacological action of digitalis in CCF. **7**
- (2) Write a short note on anticoagulant. **6**
- 8** Answer the following :
- (1) Classify NSAID' S with examples. Discuss the pharmacology of Aspirin. **7**
- (2) Classify Diuretics, write a short note on high ceiling diuretics. **6**