

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS Second Professional Examination 2018
(Summer)
Subject- Pharmacology
Paper- I**

Time: 3:00 Hours

Maximum Marks:50

Instructions:

- a) All questions are compulsory**
- b) Draw diagrams wherever necessary**
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.**
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means**

Q1. Long Answer questions 2 X 10 = 20

- a. Classify alpha blockers, describe their uses and adverse effects.
- b. Name three drugs from different groups used for emergency treatment of heart failure; describe basis of use and limitation of each drug.

Q2. Short Answer Questions 4 X 5 = 20

- a. How organophosphorus compound poisoning is

treated?

- b. Explain briefly treatment of glaucoma
- c. What is the pharmacological basis of use of ranitidine, omeprazole and misoprostol in treatment of peptic ulcer.
- d. Describe drugs used in acute attack of bronchial asthma

Q3. Very Short Answer Questions 1 X 10= 10

- a. Define with example competitive antagonism.
- b. Enumerate antimuscarinic mydriatics.
- c. Name contraindications of beta blockers.
- d. Give four examples of rational drug combinations.
- e. What is pharmacokinetic peculiarity of atracurium.
- f. Explain phenomenon of tachyphylaxis.
- g. Why ezetimibe is used in dyslipidaemia.
- h. Explain why iron is not useful in case of chronic renal failure.
- i. Differentiate heparin and warfarin.
- j. Define expectorant giving example.
