

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS Second Professional Examination 2021
Subject- Pharmacology
Paper- II**

Time: 3:00 Hours

Maximum Marks:50

Instructions:

- a) Draw diagrams wherever necessary
- b) All questions are compulsory
- 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 – 20 MARKS

- a. Classify Oral Hypoglycaemic drugs. Explain the mechanism of action, uses and side effects of Sulfonylureas.
- b. Classify Antiepileptic drugs. Describe mechanism of action, therapeutic uses and adverse effects of Phenytoin sodium. Mention newer antiepileptic drugs.

Q2. Short Answer Questions – 20 MARKS

- a. Therapeutic uses and adverse effects of Morphine.
- b. Write short note on DMARD.

- c. Write short note on Albendazole.
- d. Three differences between Barbiturates and Benzodiazepines.

Q3. Very Short Answer Questions – 10 MARKS

- a. Explain briefly the pharmacological basis for combining Carbidopa with Levodopa.
- b. What is Raloxifene and mention one use.
- c. Mention the rationale of combining Trimethoprim with sulfamethoxazole.
- d. Mention two Protease inhibitors.
- e. Mention the names of drugs used in treatment of Hook worm infestation.
- f. Mention the names of Fat-soluble vitamins.
- g. Define Tocolytics with examples.
- h. Why Mesna is given simultaneously with Cyclophosphamide.
- i. What is Goserelin and mention one use.
- j. Mention two Demelanizing agents.
