



02/22

The West Bengal University of Health Sciences
MBBS 2nd Professional Examination (Old Regulation) September 2022

Subject: Pharmacology
Paper: II

Full Marks: 40
Time: 2 hours

Attempt all questions. The figures in the margin indicate full marks.

1. a) Enumerate antithyroid drugs. What is the mechanism of action of iodine as antithyroid agent? How will you manage a case of myxedema coma. 3+4+3

Or

- b) Enumerate glucocorticoids. Describe the therapeutic uses and adverse effects of glucocorticoids. Explain why glucocorticoids should not be withdrawn abruptly after prolonged therapy. 3+3+2+2

2. Explain *any three* of the following: 3 x 3

- a) Tetracyclines are contraindicated in pregnancy.
- b) Morphine is contraindicated in undiagnosed abdominal pain.
- c) Both estrogen and progesterone are combined in oral contraceptive pill.
- d) Centrally acting anticholinergics are used in drug induced parkinsonism.

3. Write the mechanism of action of *any three* of the following: 3 x 3

- a) Lactulose in hepatic encephalopathy.
- b) Lithium in bipolar disorder.
- c) Multi drug therapy is used in the treatment of tuberculosis.
- d) Metformin as oral antidiabetic agent.

4. Write short notes on *any four* of the following: 4 x 3

- a) Amphotericin B.
- b) Ketamine.
- c) Metronidazole.
- d) Post exposure prophylaxis against HIV.
- e) Methotrexate.