

Register Number									
--------------------	--	--	--	--	--	--	--	--	--

Question Paper

Exam Date & Time: 11 April 2021 (2 pm to 5 pm)

MANIPAL ACADEMY OF HIGHER EDUCATION

Pharmacology II [PDA-BP503T]

Sections Duration: 150 mins (2:30 pm to 5 pm)

II Long Answers

Answer all the questions.

- 1) Explain the role of kidneys in the regulation of BP. Classify anti-hypertensive drugs. (10)
- 2) Explain the absorption, storage, distribution and utilization of iron in the body. (10)

III Short Answers

Answer all the questions.

- 1) With the help of a diagram, explain the mechanism of action of acetazolamide. (5)
- 2) Explain the actions of prostaglandins/TXA2 on platelet function. List the uses of prostaglandin analogues. (5)
- 3) Define Bioassay. Write the applications of bioassay. (5)
- 4) Classify anti thyroid drugs. Outline the steps involved in the synthesis of thyroid hormones and indicate the site of actions of various anti thyroid drugs (5)
- 5) With a neat diagram, Explain the mechanism of action any one classes of oral hypoglycemic agents. (5)
- 6) Explain two therapeutically useful pharmacological actions of glucocorticoids. (5)
- 7) Discuss the general mechanism of actions NSAIDs. NSAIDs are used in PDA justify (5)

-----End-----