

Q.P. CODE: M102B011**Dr. NTR UNIVERSITY OF HEALTH SCIENCES, AP, VIJAYAWADA-520 008****MBBS DEGREE EXAMINATION: JANUARY, 2025****SECOND M.B.B.S. EXAMINATION****PHARMACOLOGY PAPER-II****(Theory Questions)****Time: 2 Hour 40 Minutes****Max Marks: 80****Note: Answer all questions.****Draw a neat diagram wherever necessary**

SECTION-II (THEORY QUESTIONS - 80 MARKS)**WRITE ESSAY ON THE FOLLOWING:****2 X15 = 30**

1. Classify drugs used in the treatment of hyperthyroidism. Describe the mechanism of action, indications, route of administration, and adverse effects of radioactive iodine. Write the management of thyrotoxic crisis.
2. A 28-year-old pregnant woman with 8 months of gestation is diagnosed with deep vein thrombosis of the right leg.
 - a. Which anti-coagulants are safe for the above patient?
 - b. Classify anticoagulants.
 - c. Write the mechanism of action, uses, and adverse effects of warfarin.
 - d. Describe how patients on warfarin therapy are monitored.

WRITE SHORT NOTES ON THE FOLLOWING:**10x5=50**

3. List two anabolic steroids. Write their uses and adverse effects.
4. Enumerate iron preparations and discuss their role in anemia.
5. List prokinetic agents. Mention their mechanism of action and uses.

6. A 26-year-old male complains of difficulty in breathing at least twice every month during the nighttime for the past 4 months. He is diagnosed with moderate asthma and is prescribed an inhaler for daily use. What are the likely medications in the inhaler, and what is the rationale for the use of these medicines?
7. List the drugs used in the treatment of amoebiasis. What is their mechanism of action and adverse effects?
8. Write the composition of ORS and describe the purpose of each component for the mechanism of diarrhea.
9. Write the mechanism of action, uses, and adverse effects of ciprofloxacin.
10. How will you communicate with a 35-year-old male with conjunctivitis who has been prescribed ciprofloxacin eye drops?
11. Describe the pharmacotherapy for drug-sensitive pulmonary tuberculosis.
12. Discuss the mechanism of action of oral contraceptive tablets and list their adverse effects.
