

**Q.P. CODE:505-B-CBME**

DR. NTR UNIVERSITY OF HEALTH SCIENCES: AP: VIJAYAWADA-520008 M.B.B.S.
DEGREE EXAMINATION – JANUARY, 2022 SECOND M.B.B.S. EXAMINATION
PHARMACOLOGY Paper-II
(Theory Questions)

Time: 2 Hours 40 Minutes

Max. Marks: 80

Note: Answer all questions

Draw a neat diagram wherever necessary

SECTION-II (THEORY QUESTIONS - 80 MARKS)**STRUCTURED ESSAY QUESTIONS**

2X15=30

1. List the different groups of oral anti-diabetic agents with examples. Explain in detail the mechanism of action and adverse effects of any one group. Enumerate the insulin preparations and outline the adverse effects of insulin with its management. Add a note on diabetic ketoacidosis (3+4+5+3)
2. Enumerate the drugs used in the treatment of pulmonary tuberculosis. Explain the mechanism of action and adverse effects of one of the first line antitubercular drug. Discuss the treatment of multi drug resistant tuberculosis (4+4+7)

SHORT ANSWER QUESTIONS:

10X5=50

- 3) Write the composition of oral rehydration salt solution and its role in diarrhea
- 4) Compare and contrast heparin and warfarin
- 5) Describe the therapeutic uses of corticosteroids
- 6) Write about the management of psoriasis
- 7) Enumerate the iron preparations and add a note on the indications of parenteral iron therapy
- 8) A 36-year-old female patient had history of acid peptic disease and endoscopic biopsy was suggestive of helicobacter pylori infection. Describe the pharmacological management of this case
- 9) A 25-year-old male developed infection due to Methicillin Resistant Staphylococcus Aureus (MRSA). Describe in brief the drugs available to treat such infection
- 10) Discuss the treatment of uncomplicated malaria
- 11) Write about the toxicity amelioration of anticancer agents
- 12) Explain the management of paracetamol poisoning

