

**Q.P. CODE:505-A-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-I
(Multiple Choice 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. Classify beta-blockers, Write a note on cardiovascular and on cardiovascular indications of beta-blockers. List the significant adverse effects and drug interactions of beta-blockers. Discuss the management of hypertensive emergency (3+4+4+4)
2. Discuss the pathophysiology of Parkinson's disease and different group of drugs used for its treatment. Discuss the rationale for levodopa carbidopa combination. Write briefly about different strategies to prevent wearing off phenomenon during its treatment. Add a note on drug induced parkinsonism and its treatment (6+2+3+4)

SHORT ANSWER QUESTIONS:

10X5=50

- 3) Discuss the clinical significance of plasma protein binding
- 4) Write about the parenteral routes of drug administration
- 5) Discuss briefly about the Pharmacovigilance program of India
- 6) A farmer presented to the emergency department with signs and symptoms suggestive of organophosphorus poisoning. How will you manage this case. Give justification for the drugs to be used
- 7) Describe the uses and adverse effects of Thiazide diuretics
- 8) Add a note on different dose of aspirin and its therapeutic uses
- 9) Discuss the role of steroids in asthma
- 10) Write the role of statins as cholesterol lowering agent
- 11) Enumerate the obstetrics and gynecological uses of prostaglandin analogues
- 12) After injecting succinylcholine I.V, to have muscle relaxation during a surgical procedure, a patient developed prolonged apnea. What could be the probable cause. What is the management for the above condition
