

**Q.P. CODE:507-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

PATHOLOGY Paper-I

(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.
 - a. Define apoptosis
 - b. Enumerate in detail about the pathways of apoptosis
 - c. What are the other methods of cell death

(2+7+6)
2.
 - a. Define hypersensitivity
 - b. Explain in detail with examples of each type of hypersensitivity
 - c. Explain in detail on type I hypersensitivity

(2+8+5)

SHORT ANSWER QUESTIONS:

10X5=50

- 3) Define necrosis. Explain in detail on various types of necrosis
- 4) Explain briefly on intracellular accumulations and pigments
- 5) Explain briefly on disseminated intravascular coagulation
- 6) Write a note on angiogenesis
- 7) Write a note on radiation induced carcinogenesis
- 8) Write in detail about lead poisoning
- 9) Elucidate lysosomal storage disorders
- 10) Write a brief note on Down's syndrome
- 11) Write in detail the pathogenesis of AIDS
- 12) Enumerate and explain the stages of Lupus Nephritis

