

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY,2025

**PATHOLOGY
PAPER – I
(GENERAL PATHOLOGY)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write a short essay on the following:

10 X 10 = 100

1. Discuss mitochondrial morphology and basic pathway of energy generation.
2. Discuss disorders with abnormal apoptosis.
3. Discuss vascular events during acute inflammation.
4. Discuss primary immunodeficiency syndrome.
5. Discuss consequences of pulmonary embolism.
6. discuss stress protein in cell injury.
7. Discuss RNA oncogenic viruses.
8. Discuss mucopolysaccharidosis.
9. Discuss application of morphometry analysis in tumour pathology.
10. Discuss pathophysiological types of oedema and its clinical significance.
