

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D. / M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH 2026

PATHOLOGY

PAPER – I

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

10 X 10 = 100

1. Role of MHC molecules in disease.
2. Matrix metalloproteinases in disease.
3. Classify leprosy and discuss the immunopathology of leprosy.
4. Disorders associated with leucocyte dysfunction.
5. Pathogenesis of granulomatous inflammation.
6. Molecular basis of multistep carcinogenesis.
7. Mechanism of T cell immunodeficiency in HIV infection.
8. Electron microscopy in diagnostic pathology.
9. Intracellular accumulations.
10. Pathogenesis of pulmonary oedema.
