

PAPER CODE: 1053

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

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

RADIO DIAGNOSIS

PAPER – IV

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. Describe common CT artefacts and their correction.
2. Describe the principles and advances in susceptibility imaging in MRI.
3. Describe in brief principles of MR spectroscopy and its applications.
4. Principles of Digital radiography.
5. Role of PACS in a modern radiology department.
6. Give details of SPECT imaging in nuclear medicine.
7. Describe dynamic contrast enhanced imaging of pituitary gland and its utility.
8. Evaluation of suspected CSF Rhinorrhoea.
9. CNS complications in COVID -19 infection.
10. Principles of MR elastography and its uses.
