

PAPER CODE: 6114

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

D.M. /M.CH. DEGREE EXAMINATION: DECEMBER, 2025

**NEUROSURGERY
PAPER – IV
(Recent Advances)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Describe in detail about the definition, pathophysiology of Low-Grade Gliomas and indications for Surgery and wait and see attitude. Discuss regarding the treatment options available.
2. Describe the percutaneous procedures for trigeminal Neuralgia and describe in detail about the microvascular Decompression for Trigeminal Neuralgia.

Write a short note on the following:

4 X 10 = 40

3. Diffusion Tensor imaging and Fibre Tractography.
4. Foetal Neurosurgery.
5. Anterior Cervical Instrumentation.
6. Intra operative Cerebral protection.
