

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

D.M. /M.CH. DEGREE EXAMINATIONS: NOVEMBER, 2023

**NEUROSURGERY
PAPER – I
(BASIC SCIENCES)**

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 the microsurgical anatomy of floor of fourth ventricle and blood supply of brain stem.
2. Mention the pathogenesis and anatomic source of brain abscess and pathological stages of brain abscess and its clinical relevance.

Write a short note on the following:

4 X 10 = 40

3. Functions of hypothalamus.
4. Intracranial pressure monitoring.
5. Posterior pituitary hormones.
6. Sodium valproate.
