

**QP Code:102505**

**Reg.No.:.....**

**M.Ch. (Neuro Surgery) Degree Regular/Supplementary Examinations  
September 2020**

**Paper II – General Principles and Applied Neurosurgery**

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe lumbar spondylolisthesis and its management options.

**Short essays:**

**(8x10=80)**

2. Discuss pathophysiology, clinical presentation, diagnosis and management of carotico-cavernous fistula.
3. Describe surgical approaches to tentorial meningiomas
4. Draw labelled transverse section of spinal cord at C<sub>5</sub>-C<sub>6</sub> level and mention the clinical presentation of different types of lesions at this level.
5. Evaluation of risk/ benefit ratio of various treatment modalities for AVM of the brain
6. Craniopagus twins
7. Cerebrospinal fluid shunts complications and management
8. Describe management of intracranial metastasis.
9. Describe endoscopic anatomy of ventricular system of brain and procedure of ETV, its indications, benefits and risks

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