NEUROSURGERY
PAPER – III

NS/D/16/21/III

Time   : 3 hours
Max. Marks   : 100

Important instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. What are the associated lesions of HIV? How to protect surgeons during surgery on a HIV patient?   5+5

2. Indications of Gamma Knife in Neurosurgery, its limitations and long term complications.   4+3+3

3. a) Microvascular decompression.   6+4
   b) Pallidotomy.

4. Differential diagnosis of pain in right upper limb at C5-6 dermatome. How to reach diagnosis?   5+5

5. Enumerate various types of implants used in stabilization of lumbar spine, its selection criteria and limitations.   4+4+2

6. Moya Moya Disease: How to suspect, clinical profile and treatment options?   3+2+5

7. a) Various methods of stereotactic approach to brain.   5+5
   b) How is Robotic surgery superior to stereotactic surgery?

8. Epilepsy surgery: Its indications, type of surgery and results.   4+4+2

9. What are the common infections in ICU? How to treat infection in ICU and infection in patients with antibiotic resistance?   3+7

10. What is migraine? Classify migraine types on clinical basis. How treatment of each type differs?   2+4+4

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