

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

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. 2+4+4
How treatment of each type differs?
