

NEUROSURGERY(PART-II/FINAL)
PAPER-IITime: 3 hours
Max. Marks:100

NS2/J/20/21/II

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. Intraoperative Neurophysiologic monitoring: 4+3+3
 - a) Indications of IONM.
 - b) Necessary precautions.
 - c) Complications.
2. Discuss about visual field defects with lesions at: 3+3+4
 - a) Chiasm.
 - b) Lateral geniculate body.
 - c) Occipital lobe tip.
3. Normal pressure hydrocephalus: 3+3+4
 - a) Differential diagnosis.
 - b) Programmable shunts.
 - c) Predictors of successful surgical outcome.
4. Spinal AVM: 5+2+3
 - a) Classification.
 - b) Clinical presentations.
 - c) Angiographic finding.
5. Elaborate Horner's syndrome: 3+3+4
 - a) Clinical features.
 - b) Causes.
 - c) Pathway of sympathetic system.
6. Post SAH Vasospasm: 7+3
 - a) Theories of pathogenesis of vasospasm in spontaneous SAH.
 - b) Role of calcium channel blockers.
7. Endoscopic third Ventriculostomy: 7+3
 - a) Indications and procedure.
 - b) Complications.

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| 8. | Ventriculo-peritoneal shunts: | 5+5 |
| | a) Sites of lateral ventricular puncture. | |
| | b) Complications of ventriculo-peritoneal shunt. | |
| 9. | Ossified Posterior Longitudinal Ligament: | 3+3+4 |
| | a) Classification. | |
| | b) Pathogenesis. | |
| | c) Current concepts in management. | |
| 10. | Brachial plexus injury: | 3+4+3 |
| | a) Clinical evaluation. | |
| | b) Draw and label the brachial plexus neatly. | |
| | c) Current options in its management. | |

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