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/illustrations/flowcharts wherever appropriate.

Write short notes on:

1. Clinical features, radiological diagnosis and surgical options of treatment of congenital atlanto-axial dislocation. 3+3+4

2. a) Prolactinomas. 
   b) Rathke cleft cyst. 5+5

3. Clinico-imageological features and treatment options of:
   a) Benign Intracranial Hypertension (BIH).
   b) Normal Pressure Hydrocephalus (NPH). 5+5

4. Indications of:
   a) Gamma Knife radiosurgery
   b) Surgery in recurrent gliomas 6+4

5. Classification and treatment of brain stem gliomas. 4+6

6. Treatment of:
   a) Vestibular schwannoma of 2 cm size.
   b) Cerebral metastasis. 5+5

7. How is tone maintained in skeletal muscles? Discuss various medical and surgical treatment options for spasticity. 3+(2+5)

8. Clinical presentations, surgical treatment options and their complications in the treatment of prolapsed cervical intervertebral disc. 3+4+3

9. Pathology, treatment options and complications of insular gliomas. 3+4+3

10. a) Treatment of thalamic cavernoma. 5+5
    b) Spontaneous CSF Rhinorrhoea.