

M.Ch. Examination
Branch I : Neurosurgery
(Clinical Surgery)
Paper-I

Date : 02-07-2019, Tuesday]

[Max. Marks : 100

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates full marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

1. Write short notes on: (20)
(A) Harvey Cushing
(B) B. Ramamurthi

 2. Draw a diagram of the tentorial hiatus and clinical relevance of the structures passing through it. (20)
 3. Diffuse axonal injury (20)
 4. Trigeminal nerve anatomy and its surgical relevance (20)
 5. Clinical implications of WHO 2016 update in classification on diffuse gliomas (20)
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0719E259

M.Ch. Examination

Branch I : Neurosurgery

(Applied)

Paper-II

Candidate's Seat No : _____

Date : 05-07-2019, Friday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates full marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

1. Write short notes on:

(A) Colloid Cyst

(B) Limited dorsal myeloschisis

(20)

2. Classify Brainstem tumors and discuss their management

(20)

3. Trigeminal neuralgia

(20)

4. Split cord malformation and its management

(20)

5. Anatomy of third ventricle and its surgical relevance

(20)

M.Ch. Examination
Branch I : Neurosurgery
(Applied)
Paper-III

Date : 08-07-2019, Monday]

[Max. Marks : 100

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates full marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

1. Write short notes on: (20)
 - (A) Rossette forming Glioneuronal tumor (RGNT)
 - (B) Middle fossa arachnoid cyst
 2. Discuss the anatomy of the foramen magnum, clinical features, diagnosis and surgical approaches to foramen magnum tumors. (20)
 3. Discuss the minimal invasive surgical approaches for thoracic spine diseases (20)
 4. Thalamic tumors and surgical management (20)
 5. Juvenile nasopharyngeal angiofibroma and its management (20)
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Candidate's Seat No : _____

M.Ch. Examination

Branch I : Neurosurgery

(Modern Trends & Development in Surgery)

Paper-IV

Date : 10-07-2019, Wednesday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :
- (1) Figure to the right indicates full marks.
 - (2) Draw diagram wherever necessary.
 - (3) Write legibly.

1. Write short notes on: (20)
 - (A) Bevacizumab in malignant brain tumors
 - (B) Arterial spin labelling and its applications
 2. Newer generation antiepileptic drugs (20)
 3. Expanded Endonasal approach in skull base surgery (20)
 4. Current indications of Flow diverters in intracranial aneurysm surgery (20)
 5. Intraoperative CT and its applications (20)
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