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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

M.Ch. (NEUROSURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER – I Monday, July 04, 2005

Max. Marks: 100 Time: 3 Hrs. Answer all the questions. Illustrate your answers with diagrams wherever appropriate. All questions carry equal marks. Ø Write briefly on: 1. 1A. Papez circuit. 1B. Surgical anatomy of floor of fourth ventricle. 1C. Neurophysiology of nociceptive pain. Describe the microsurgical anatomy of anterior incisural space. 2. Blood supply of spinal cord and classification of spinal AVMs. 3. Describe the physiology of stretch reflex. 4.

Describe the microsurgical anatomy of carotid cave.

5.

Reg. No.			<u></u>	

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

M.Ch. (NEUROSURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER - II: CLINICAL NEUROSURGERY

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

- Answer all the questions. All questions carry equal marks.
- Z Illustrate your answers with diagrams wherever appropriate.
- 1. Discuss the controversies in the management of spontaneous intracerebral haematomas.
- 2. Discuss:
- 2A. Management of prolactinomas.
- 2B. Tumour markers in pineal region tumors.
- 2C. Indications and surgical techniques of anterior petrosal approach.
- 3. Write short notes on:
- 3A. Management options for chronic subdural haematoma.
- 3B. Management of optic nerve injury.
- 3C. Diagnostic approach to a patient with wrist drop.

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MANIPAL ACADEMY OF HIGHER EDUCATION

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M.Ch. (NEUROSURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER - III Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

- Answer all the questions. All questions carry equal marks.
- Illustrate your answers with diagrams wherever appropriate.
- 1. Discuss the far lateral and extreme lateral approaches for foramen magnum lesions.
- 2. Discuss:
- 2A. Diffusion weighted MR imaging.
- 2B. Indications and surgical steps of telovelotonsilar approach.
- 2C. Neuronal protection: current status.
- 3. Write short notes on:
- 3A. Transarticular screw for atlanto-axial dislocation.
- 3B. Veretbroplasty.
- 3C. WHO Grade 2 Meningiomas.

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