

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER I: APPLIED BASIC SCIENCES RELATED TO CLINICAL NEUROLOGY

Monday, July 03, 2006

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer all the questions.
 - ✍ All questions carry equal marks.
 - ✍ Illustrate your answers with diagrams wherever appropriate.

1. Discuss the role of cerebellum on motor movement.
2. Describe the functional organization of thalamus and its nuclei.
3. Write short notes on the following:
 - 3A. Pedunculo pontine nucleus.
 - 3B. Dyt 1 gene
 - 3C. F response
 - 3D. Brainstem oscillatory complex.
 - 3E. Physiology of free will.



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DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER II: CLINICAL AND THERAPEUTIC NEUROLOGY

Tuesday, July 04, 2006

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 neurological manifestations of demyelinating disorders.
2. How do you approach a case of progressive spastic quadriparesis with reference to investigation and management?
3. Write short notes on the following:
 - 3A. Restless leg syndrome.
 - 3B. Paroxysmal kinosogenic dyskinesia (PKD).
 - 3C. Drakke hypothesis of Parkinson disease.
 - 3D. Galatamine.
 - 3E. Mycophenolate mofetil.



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DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2006

SUBJECT: PAPER III: RECENT ADVANCES IN NEUROLOGY ALLIED SPECIALITIES

Wednesday, July 05, 2006

Time: 3 Hrs.

Max. Marks: 100

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- ✍ Answer **all** the questions.
 - ✍ All questions carry equal marks.
 - ✍ Illustrate your answers with diagrams wherever appropriate.

1. Discuss your approach to a case of dementia with special emphasis on management.
2. What is telemetric ECG? Discuss its role in the diagnosis of epileptic disorders.
3. Write short notes on the following:
 - 3A. Transcranial Doppler.
 - 3B. Spect in Migraine.
 - 3C. M.R. Angiography.
 - 3D. Botulinum toxin.

