

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2005

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

Monday, July 04, 2005

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 current concepts of pain perception.
2. Describe the functional anatomy of Oculomotor Supra nuclear pathways.
3. Write short notes on the following:
 - 3A. Axoplasmic Transmission.
 - 3B. Free Radicals
 - 3C. INTERFERON
 - 3D. LISSAUR'S TRACT.
 - 3E. Neuro Transmitters in Sleep

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DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER II: CLINICAL AND THERAPEUTIC NEUROLOGY

Tuesday, July 05, 2005

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 aetiopathogenesis of migraine headache. Describe the drugs used in the management of migraine and its site of action.
2. Describe the aetiology, clinical features, diagnosis and management of childhood epileptic syndromes.
3. Write short notes on the following:
 - 3A. Giant cell arteritis.
 - 3B. Status epilepticus.
 - 3C. Corticobasal degeneration.
 - 3D. Leukodystrophies.

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DM (NEUROLOGY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER III: RECENT ADVANCES IN NEUROLOGY ALLIED SPECIALITIES

Wednesday, July 06, 2005

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 genetic and phenotypic variations of limb-girdle muscular dystrophy.
2. Discuss the management of brain metastases.
3. Write short notes on:
 - 3A. DADS neuropathy.
 - 3B. Interferon beta (IFN β).
 - 3C. P300.
 - 3D. Syndrome of progressive deafness.

