

August 2009

[KV 003]

Sub. Code: 1103

D.M. DEGREE EXAMINATION

(Super Specialities)

Branch I –Neurology

(Revised Regulations)

(Candidates admitted from 2006-2007 onwards)

Paper IV– RECENT ADVANCES IN NEUROLOGY

Q.P. Code: 161103

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Discuss the role of stem cell therapy in neurology.
2. Recent advances in the management of Parkinson's disease.

II. Write short notes on:

10 x 6 = 60

1. Restless leg syndrome.
2. Cluster headache.
3. Carotid endarterectomy.
4. IVIG in neurological disorders.
5. Non-convulsive status epilepticus.
6. New variant CJD.
7. Narcolepsy.
8. Megalencephalic leukodystrophy.
9. Paroxysmal dyskinesias.
10. Channelopathies.

February 2010

[KW 003]

Sub. Code: 1414

D.M. DEGREE EXAMINATION

(Super Specialities)

Branch I –Neurology

(Revised Regulations)

(2006-07 Regulations)

Paper III/IV– RECENT ADVANCES IN NEUROLOGY

**Common to (Candidates admitted up to 2005-2006 and Candidates
admitted from 2006-2007 onwards)**

Q.P. Code: 161414

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Discuss management strategy for a patient within first six hours of stroke arriving in emergency room.
2. Discuss various mitochondrial disorders affecting nervous system.

II. Write short notes on:

10 x 6 = 60

1. Pharmacogenomics.
2. Intrathecal baclofen pump.
3. Anti oxidants in neurology.
4. Modafinil.
5. Therapeutic transcranial magnetic stimulation.
6. Minimal cognitive impairment.
7. Inclusion body myositis.
8. Cerebral amyloid angiopathy.
9. Hashimoto's encephalopathy.
10. Non-motor symptoms in Parkinsonism.

August 2011

[KZ 003]

Sub. Code: 1414

**DOCTORATE OF MEDICINE (D.M.) DEGREE EXAMINATION
(SUPER SPECIALITIES)**

BRANCH I – NEUROLOGY

RECENT ADVANCES IN NEUROLOGY

Q.P. Code: 161414

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the various newer antiepileptic drugs and Management of status epilepticus.	11	35	15
2. Discuss the etiology, pathogenesis and management of Inflammatory muscle diseases.	11	35	15

II. Write notes on :

1. Nerve growth factors.	4	10	7
2. Tropical ataxic neuropathy.	4	10	7
3. Chronic fatigue syndrome.	4	10	7
4. Gene therapy in Neurological diseases.	4	10	7
5. Antiphospholipid antibody syndrome.	4	10	7
6. Fatal familial insomnia.	4	10	7
7. Levetiracetam.	4	10	7
8. Botox toxin therapy.	4	10	7
9. Neuromyelitis optica.	4	10	7
10. Recent advances in treatment of Moya Moya disease.	4	10	7

[LB 003]

AUGUST 2012

Sub. Code: 1414

D.M – NEUROLOGY

Paper – IV RECENT ADVANCES IN NEUROLOGY

Q.P. Code: 161414

Time: 3 hours
(180 Min)

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the current concepts in the etiology, immunopathology clinical features, investigations and management of Multiple Sclerosis.	16	35	15
2. Write an account of Botulinum Toxin and describe in detail the use of Botulinum Toxin in Neurologic disorders.	16	35	15

II. Write notes on:

1. Gene Therapy in Neurologic diseases.	4	10	7
2. Clinical features and diagnosis of Creutzfeldt-Jakob Disease.	4	10	7
3. Role of Triptans in Migraine management.	4	10	7
4. Clinical features of Balint's syndrome.	4	10	7
5. Diagnosis and treatment of Nonconvulsive Status Epilepticus.	4	10	7
6. Plasmapheresis and its role in neurological disorders.	4	10	7
7. Clinical features and diagnosis of Leigh's Disease.	4	10	7
8. Role of Endovascular therapy in Acute Ischemic Stroke.	4	10	7
9. Sympathetic Apraxia and its clinical significance.	4	10	7
10. Clinical features and treatment of Restless Legs Syndrome.	4	10	7

(LD 003)

AUGUST 2013

Sub. Code:1414

D.M. – NEUROLOGY
Paper – IV RECENT ADVANCES IN NEUROLOGY
Q.P.Code: 161414

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the genetics, pathophysiology and management of channelopathies.
2. Recent concepts in the reperfusion therapy of stroke.

II. Write notes on:

(10X7=70)

1. Myotonic dystrophy.
2. Somato sensory evoked potential.
3. Idiopathic intracranial hypertension.
4. Transcranial Doppler.
5. Chronic fatigue syndrome.
6. Nystagmography.
7. Computerised tomogram- Cisternography.
8. Complicated migraine.
9. Neurogenic pulmonary edema.
10. Neurological complications of anesthesia.

[LF 003]

AUGUST 2014

Sub. Code: 1414

D.M. – NEUROLOGY

Paper IV – RECENT ADVANCES IN NEUROLOGY

Q. P. Code: 161414

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Discuss natural history and neurological manifestations of Acquired immunodeficiency syndrome.
2. Discuss the role of MRI in the evaluation of various toxic and metabolic disorders of the nervous system.

II. Write notes on:

(10 x 7 = 70)

1. Pharmacogenomics.
2. Biomarkers in Stroke.
3. Modafinil.
4. Cognitive impairment in Multiple sclerosis.
5. Epileptic encephalopathy of childhood.
6. Tumefactive demyelination.
7. Cerebral microbleeds.
8. Neurological manifestations of Sjogren syndrome.
9. Stem cell therapy in Neurology.
10. Primary progressive aphasia.
