

April-2001

[KD 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

Branch I — Neurology

(Revised Regulations)

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the various neurological complications of AIDS. (25)
 2. Discuss the management of a patient with status epilepticus. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Central achromatopsia.
 - (b) Congenital myasthenic syndrome.
 - (c) Phobic postural vertigo.
 - (d) Gilles de la tourette syndrome.
 - (e) Stiffman syndrome.
-

November-2001

[KE 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the role of Magnetic Resonance imaging in CNS disorders. (25)
 2. Discuss the mitochondrial disorders of nervous system. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Surgery in Intra cerebral haemorrhage
 - (b) Ischaemic penumbra
 - (c) Dopamine receptors
 - (d) Interventional neuro radiology
 - (e) Pathology of muscular dystrophy.
-

March-2002

[KG 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions:

1. Discuss the utility of Evoked potential study in Neurological practice. (25)
2. How will you evaluate pre-operatively a case of Intractable epilepsy. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Rasmussen Encephalitis
 - (b) Electro Cerebral Silence (E.C.S.)
 - (c) Motor Unit
 - (d) Magnetic Stimulator
 - (e) Nerve Biopsy.

September-2002

[KH 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the pathophysiology, clinical diagnosis and management of chronic inflammatory demyelinating polyneuropathy. (25)
2. Discuss the differential diagnosis of a 50-year-old patient with akinetic-rigid syndrome. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) BPPV (Benign Paroxysmal Positional Vertigo)
 - (b) Balint's syndrome
 - (c) Genetics of Parkinson's disease
 - (d) Episodic ataxias
 - (e) Vigabatrin.

April-2003

[KI 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the aetiology and clinical features of dementia. (25)
 2. Discuss the current status of neuro epidemiology in India. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Treatment of neuro-syphilis
 - (b) Dementia in Parkinsonism
 - (c) Steroid induced psychosis
 - (d) Lumbar puncture
 - (e) Rapid diagnosis of meningitis.
-

[KK 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours **Maximum : 100 marks**

Theory : Two hours and forty minutes	Theory : 80 marks
---	--------------------------

M.C.Q. : Twenty minutes **M.C.Q. : 20 marks**

Answer ALL questions.

A. Essay: (2 × 15 = 30)

(1) Discuss the role, limitations and complications of interventional vascular neuroradiology. (15)

(2) Describe the current international league against epilepsy classification of seizures, epilepsies and epileptic syndromes. (15)

B. Short notes : (10 × 5 = 50)

- (1) Ophthalmo dynamometry
- (2) Lumbar puncture
- (3) Optokinetic nystagmus

- (4) Levatirecetam
- (5) Prenatal diagnosis of neurological disorders
- (6) Fibromyalgia
- (7) Serotonin syndrome
- (8) Prognostic factors in Guillaine-Barre syndrome
- (9) Trans cranial magnetic stimulation
- (10) Criteria for brainstem death.

[KM 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay Questions: (2 × 15 = 30)

(1) Describe measures to determine the focus/foci of epileptogenesis in a patient being considered for surgical treatment of intractable epilepsy.

(2) Discuss the neurological complications of Acquired Immuno-Deficiency Syndrome and the documented response to current forms of treatment.

II. Short notes: (10 × 5 = 50)

(a) Plasmapheresis.

(b) Poor prognostic factors in Guillain-Barre syndrome.

(c) Thrombolytic therapy for stroke.

(d) The brain in Aggression.

(e) Implications of the Human Genome Project for Neurology.

(f) Experimental Allergic Encephalomyelitis.

(g) Acanthamoeba.

(h) Prognosis in the different types of traumatic brain injury.

(i) Statins for treatment of neurological disorders.

(j) Tests of significance.

[KO 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Essay questions : (2 × 15 = 30)

(1) Discuss the neurological manifestations of chronic liver disease.

(2) Discuss the neurological complications of renal transplantation.

II. Short questions : (10 × 5 = 50)

- (a) Reye's syndrome
- (b) Anorexia nervosa
- (c) AIDS – dementia
- (d) Neuromuscular complications of hyperthyroidism
- (e) Central pontine myelinolysis
- (f) Steroid myopathy
- (g) Role of thymectomy in myasthenia
- (h) Surgical treatment for dystonia
- (i) Autonomic neuropathy in Diabetes Mellitus
- (j) Neurological manifestation in Rheumatoid arthritis.

[KP 004]

Sub. Code : 1104

II. Short notes :

(6 × 5 = 30)

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Discuss the neurological disorders associated
with Systemic Lupus Erythematosus. (20)

(2) Discuss the approach to diagnose a case of
Metabolic Encephalopathy. (15)

(3) Discuss the neurological problems of
Pregnancy. (15)

(a) Neuronal migration disorders.

(b) Indications for polysomnography.

(c) Learning disabilities.

(d) Paroxysmal Diskinesia.

(e) Evaluation of Autonomic Disorders.

(f) Management of Wilsons disease.

[KQ 004]

Sub. Code : 1104

II. Short notes :

(6 × 5 = 30)

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

1. Discuss the neurological manifestation of sarcoidosis? (20)
2. Discuss entrapment neuropathies. (15)
3. Discuss about neurological manifestation of electrolyte imbalance? (15)

- (a) Central pontine myelinolysis.
 - (b) Sympathetic skin response.
 - (c) Tardive dyskinesia.
 - (d) Neuroacanthosytosis.
 - (e) Neuroleptic malignant syndrome.
 - (f) Persistent vegetative state.
-

[KR 004]

Sub. Code : 1104

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch I — Neurology

Paper IV — ANCILLARY SUBJECTS

Time : Three hours **Maximum : 100 marks**

Theory : Two hours and forty minutes	Theory : 80 marks
---	-------------------

M.C.Q. : Twenty minutes **M.C.Q. : 20 marks**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) How do you investigate a case of late onset seizures? (20)

(2) Discuss the evaluation of opportunistic infections of the central nervous system. (15)

(3) Discuss the role of magnetic resonance imaging in the evaluation of demyelinating disorders of the central nervous system. (15)

II. Short notes : (6 × 5 = 30)

- (a) Tuberous sclerosis.
- (b) Fibromuscular dysplasia.
- (c) Thoracic outlet syndrome.
- (d) Homocysteine in neurology.
- (e) Screening for aminoacidurias.
- (f) Histochemistry in muscle diseases.

August 2008

[KT 004]

Sub. Code: 1104

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch I - Neurology

Paper IV – ANCILLARY SUBJECTS

Q.P. Code: 161104

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40 Marks

1. Discuss invasive clinical neurophysiology in epilepsy and movement disorders.
2. Describe the role of neuroimaging in acute stroke.

II. Write short notes on:

10 x 6 = 60 Marks

1. Functional neuroimaging.
 2. Vagal nerve stimulation.
 3. Dopamine transporter imaging.
 4. Alpha coma.
 5. Electrophysiology of radiculopathies.
 6. SPECT in Neurology.
 7. Investigation of brainstem lesions.
 8. Role of surgery in stroke
 9. Meningeal biopsy in diagnostic neurology.
 10. Digital brain mapping.
-

February 2009

[KU 004]

Sub. Code: 1104

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch I -Neurology

(Revised Regulations)

Paper IV– ANCILLARY SUBJECTS

Q.P. Code: 161104

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Discuss role of evoked potentials in multiple sclerosis.
2. Describe the role of neuroimaging in neurodegenerative disorders.

II. Write short notes on:

10 x 6 = 60

1. Magnetoencephalography.
2. Posterior column stimulation.
3. Repetitive nerve stimulation
4. EEG in status epilepticus.
5. Electrophysiology of myokymia.
6. F Waves in Neurology.
7. Urodynamic studies.
8. Idiopathic intracranial hypertension.
9. Memory.
10. Nerve biopsy.

August 2009

[KV 004]

Sub. Code: 1104

D.M. DEGREE EXAMINATION

(Super Specialities)

Branch I -Neurology

(Revised Regulations)

(Candidates admitted upto 2005-06)

Paper IV– ANCILLARY SUBJECTS

Q.P. Code: 161104

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Discuss electrophysiological approach to a patient with foot drop.
2. Discuss the management of raised intracranial pressure.

II. Write short notes on:

10 x 6 = 60

1. f-MRI in epilepsy.
2. Benign non epileptiform variants in EEG.
3. Single fiber EMG.
4. Central conduction time.
5. Criteria in the diagnosis of CIDP.
6. SPECT in epilepsy.
7. REM sleep disorders.
8. EEG in SSPE.
9. Blood brain barrier.
10. Neuro imaging in intra cerebral hemorrhage.
