Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2019

Time: Three Hours **Max. Marks: 100 Marks**

Neurology - PAPER – I

QP Code: 9371

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. CSF pathway and its dynamics
2. Organization of autonomic nervous system
3. Nucleus accumbens
4. Epileptogenesis
5. Origin and function of pyramidal tracts
6. Anatomy and mechanics of atlanto-axial joint
7. Muscle stretch reflex
8. Visual pathways and its defects
9. Rigidity
10. Anatomy of the internal capsule

D.M Degree Examination – JULY-2019

Time: Three Hours **Max. Marks: 100 Marks**

Neurology - PAPER – II

QP Code: 9372

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Approach to visual loss
2. Wernecke’s encephalopathy
3. Pathological laughter and crying
4. Intramedullary brainstem syndrome
5. Cerebral auto regulation
6. SUNCT
7. Neurophychiatric complications of epilepsy
8. Narcolepsy
9. Osmotic demyelination
10. Rassmussen’s encephalitis

Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2019

Time: Three Hours **Max. Marks: 100 Marks**

Neurology - PAPER – III

QP Code: 9373

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Role of MRI in Multiple Sclerosis Diagnostic Criteria
2. Electrophysiological tests in Hepatic encephalopathy
3. Biochemical tests in B-12 deficiency
4. Electrophysiological tests in Acute Inflammatory Demyelinating Polyneuropathy (AIDP)
5. Neuropathological and Neuroradiological finding in Mitochondrial disorders
6. Periodic discharges
7. Neurosonology
8. Transcranial magnetic stimulation
9. CT-Angiography
10. Culture of skin fibroblasts in Neurology

D.M Degree Examination – JULY-2019

Time: Three Hours **Max. Marks: 100 Marks**

Neurology - PAPER – IV

QP Code: 9374

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Recent advances in neuropathic pain
2. MR imaging in acute ischemic stroke
3. Functional imaging in dementia
4. Decompressive craniectomy in malignant MCA infarction
5. Neuronal plasticity
6. Ketogenic diet
7. MRI CISS 3D imaging and its applications
8. Current concepts in sepsis associated encephalopathy
9. Aquaporin antibodies
10. CADASIL

Rajiv Gandhi University of Health Sciences

D.M. Degree Examination – 11-Dec-2019

Time: Three Hours **Max. Marks: 100 Marks**

NEUROLOGY - PAPER – I
QP Code: 9371

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Discuss anatomy and physiology of basal ganglia.
2. Discuss anatomy of cerebellum.
3. Physiology of TONE
4. Papillary reflex
5. Physiology of sleep
6. Circulation of CSF and its normal contents
7. Neuronal plasticity
8. Neuroanatomical and physiology basis of gait
9. Neurotrophic factors
10. Retinal visual processing

D.M. Degree Examination – 13-Dec-2019

Time: Three Hours **Max. Marks: 100 Marks**

NEUROLOGY - PAPER – II
QP Code: 9372

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Dopa responsive dystonia
2. Management of CIDP
3. Evaluation and management of refractory status epilepticus
4. HIV and neurological manifestation
5. Congenital myasthenic syndrome
6. Periodic paralysis
7. Multifocal motor neuropathy with conduction block
8. Neuromyelitis optica
9. Trigeminal autonomic cephalalgia
10. Restless leg syndrome

Rajiv Gandhi University of Health Sciences

D.M. Degree Examination – 16-Dec-2019

Time: Three Hours **Max. Marks: 100 Marks**

NEUROLOGY - PAPER – III
QP Code: 9373

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Inflammatory myopathies
2. Role of skin biopsy in neurological disorders
3. Median SSEP
4. Non-convulsive status epilepticus
5. Late reflexes
6. Cutaneous silent period
7. Central motor conduction
8. MR imaging in multiple sclerosis
9. Benign EEG variants
10. Triphasic waves

D.M Degree Examination – 18-Dec-2019

Time: Three Hours **Max. Marks: 100 Marks**

Neurology - PAPER – IV
QP Code: 9374

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 10 marks each) **10 x 10 = 100 Marks**

1. Deep brain stimulation in movement disorders
2. Endovascular treatment in stroke
3. Newer oral anticoagulant drugs
4. Neurological aspects of ZIKA virus infection
5. Potassium channels and epilepsy
6. Reversible posterior leukoencephalopathy
7. Transcranial Doppler
8. Magnetic encephalography
9. Recent advance in the management of ALS
10. Recent advance in the management of Duchenne muscular dystrophy