# Rajiv Gandhi University of Health Sciences, Karnataka

**D.M. Degree Examination – 21-Jun-2024**

**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 The Questions** **10 x 10 = 100 Marks**

1. Anatomy of the frontal lobe and add a note on functions
2. Localization of lesion in a patient with foot drop
3. Draw a neat diagram of cross section of Mid Brain and mention salient features of Mid Brain stroke syndrome.
4. Myelin Basic protein
5. Autonomic nervous system
6. Supra spinal control of motor neurons add a note on muscle stretch reflex
7. Anatomy of facial nerve
8. Acetylcholine receptors
9. Pathophysiology of venous infarction
10. Homocysteine

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## D.M. Degree Examination – 24-Jun-2024

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

## NEUROLOGY - PAPER – II
## QP Code: 9372

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

**Answer All The Questions** **10 x 10 = 100 Marks**

1. Young stroke
2. Primary CNS angitis
3. Reversible cerebral vasoconstriction syndrome
4. New Daily Persistent Headache
5. Paroxysmal hemicranias
6. Management of cluster headache
7. Positional vertigo
8. Drug induced parkinsonism
9. Progressive Myoclonic Epilepsy
10. Spinocerebellar Ataxia 12

# Rajiv Gandhi University of Health Sciences, Karnataka

**D.M. Degree Examination – 26-Jun-2024**

**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 The Questions** **10 x 10 = 100 Marks**

1. Briefly discus the utility of flurodeoxy glucose positron emission tomography in the evaluation of dementias.
2. Describe the MRI findings in patients with various types of Parkinsonism.
3. Discuss the various investigations employed in the evaluation of ESUS (Embolic Stroke of Unknown Source).
4. Principles and clinical applications of magneto encephalography.
5. Technique, principles and interpretation of F wave studies.
6. Electro encephalographic findings in patients with coma.
7. Describe the muscle biopsy findings in various inflammatory myopathies.
8. Laboratory evaluation of sudomotor function.
9. VEMP (Vestibular Evoked Myogenic Potential).
10. Utility of Cerebrospinal fluid analysis in the evaluation of multiple sclerosis.

**D.M Degree Examination – 28-Jun-2024**

**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 THE QUESTIONS** **10 X 10 = 100 MARKS**

1. Focused ultrasound ablative therapy.
2. IgLON5 antibody mediated disease.
3. Demonstration of ischemic penumbra by neuroimaging.
4. Rituximab in neurological practice.
5. IgG4 disease.
6. Principles of Intracranial EEG recording.
7. Clinical pharmacology of Brivaracetam.
8. Laboratory evaluation of small fiber neuropathies.
9. Role of magnetic resonance imaging in myopathies.
10. Intracranial pressure monitoring.