August 2009

[KV 068] **Sub. Code: 1451**

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch I –Neurology

Paper I– BASIC SCIENCES (Consisting of Neuro anatomy, Neuro-physiology, Neuro chemistry, Neuro pathology, Neuro Microbiology, Parasitology, Immunology, Epidemiology and Genetics)

Q.P. Code: 161451

Time: Three hours **Maximum: 100 Marks**

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: **2 x 20 = 40 Marks**

1. Neurological complications of AIDS.

2. Describe the neuro anatomy and neuro physiological characteristics of the cerebellum.

II. Write short notes on: **10 x 6 = 60 Marks**

1. Dermatome.
2. Poly microbial meningitis.
3. Substance –P.
4. Parkin Gene.
5. Neuro cysticercosis.
6. Evidence based medicine.
7. Kennedy syndrome.
8. Patho physiology of myoclonus.
9. Pedunculo pontine nucleus.
10. Sural nerve.

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February 2010

[KW 068] **Sub. Code: 1411**

D.M. DEGREE EXAMINATION

(Super Specialities)

(Candidates admitted from 2006-07 onwards)

Branch I –Neurology

Paper I– BASIC SCIENCES (Consisting of Neuro anatomy, Neuro-physiology, Neuro chemistry, Neuro pathology, Neuro Microbiology, Parasitology, Immunology, Epidemiology and Genetics)

Q.P. Code: 161411

Time: Three hours **Maximum: 100 Marks**

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: **2 x 20 = 40 Marks**

1. Discuss formation, circulation and absorption of cerebrospinal fluid.
2. Discuss neurobiology of memory.

II. Write short notes on: **10 x 6 = 60 Marks**

1. Triplet repeat disorders.
2. Circle of Wills.
3. Toxoplasmosis.
4. Ion channels.
5. Visual pathway.
6. Pathophysiology of migraine.
7. Immunopathology of acute inflammatory demyelinating neuropathy.
8. Beta amyloid protein.
9. Parapontine reticular formation.
10. Tumefactive demyelination.

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