

(LN 068)

AUGUST 2018

Sub. Code: 1411

**D.M. – NEUROLOGY**

**Paper I – BASIC SCIENCES**

*Q.P.Code: 161411*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Anatomy of thalamus and its connections.
2. Discuss the neural control of muscle tone and pathophysiology of altered tone.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Pedunculo pontine nucleus.
2. Cerebellar nuclei.
3. Tau protein.
4. Dopamine receptors.
5. Droxidopa.
6. Kindling phenomenon.
7. Long loop reflex.
8. Fungal meningitis.
9. Supra orbital fissure.
10. Polymerase chain reaction in neurology.

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