



504-A

M.B.B.S. DEGREE EXAMINATION – JULY, 2012**FIRST M.B.B.S. EXAMINATION****PHYSIOLOGY****PAPER-II****Time : 2 ½ Hours****Max. Marks : 50****Answer all questions**

- 1) Draw a labelled diagram of neuromuscular junction. Enumerate the events which occur during its transmission and add a note on myasthenia gravis. 10

- 2) Name the functional divisions of cerebellum. Explain the connections and functions of it and add a note on cerebellar disease. 10

WRITE SHORT NOTES ON:

5x4=20

- 3) Spermatogenesis
4) Features of Cushing's syndrome
5) Role of hypothalamus in regulation of food intake
6) Parkinsonism and physiological basis of a drug used in its treatment
7) Colour vision

WRITE BRIEFLY ON:

5x2=10

- 8) Flight or fight reaction
9) Actions of gonadotropic hormone in males and females
10) Renshaw cell inhibition
11) Functions of blood testis barrier
12) Physiological basis of anovulatory menstrual cycle

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