

M.B.B.S DEGREE EXAMINATION, July-2019**First M.B.B.S Examination PHYSIOLOGY PAPER-II****Time: 2 ½ Hours****Max. Marks: 50**

Note: Answer all questions: Illustrate your answer with suitable diagrams.

I. LONG ESSAYS (2 x 10 = 20)

1. Discuss the connections and functions of Basal Ganglia. And add a note on Parkinsonism.

[1+7+2=10]

2. Name the adrenocortical hormones. Discuss glucocorticoids actions and mechanism of action in detail. And add a note on its applied aspects.

[1+7+2=10]**II. WRITE SHORT NOTE ON (5 x 4 = 20)**

3. Endometrial cycle.
4. Stretch reflex.
5. Pathways for pain sensation.
6. Functions of parathyroid hormone.
7. Hemisection of spinal cord.

III. WRITE BRIEFLY ON (5 x 2 = 10)

8. Hormonal functions of the placenta.
 9. Features of Cretinism.
 10. Olfactory pathway.
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11.Impedance matching

12.Accommodation reflex.

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