

M.B.B.S DEGREE EXAMINATION, August-2018**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.

LONG ESSAYS (2 x 10 = 20)

1. Define synapse. Discuss synaptic transmission of impulses in detail. Mention any four properties of synapse. **[1+7+2=10]**
2. Name the pancreatic hormones. Describe in detail the functions of Insulin. Add a note on its applied aspects. **[1+7+2=10]**

II. WRITE SHORT NOTE ON (5 x 4 = 20)

3. Milk ejection reflex.
4. Taste pathway.
5. Muscle spindle.
6. Functions of cerebellum.
7. Organ of Corti.

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

8. Intrauterine contraceptive device.
 9. Parkinsonism.
 10. Myasthenia gravis.
 11. All or none law.
 12. Diabetes Insipidus.
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