

Q.P.Code:103379

REG. No:.....

FIRST YEAR M.Sc. MEDICAL PHYSIOLOGY DEGREE EXAMINATIONS,  
DECEMBER 2012.  
(FOUNDATION COURSE)

Time: 3 hrs

Max. Marks:- 70

PAPER III - PHYSIOLOGY

- *Answer all the questions*
- *Draw diagrams wherever necessary*

Essay: (2x10=20)

1. Explain the mechanism of neuro-muscular transmission with the help of a diagram. Add a note on myasthenia gravis (3+5+2=10)

2. Define blood pressure and mention the normal values. Explain the short term regulation of the blood pressure. (2+2+6=10)

Short Notes: (5x6=30)

3. Functions of saliva

4. Oxygen-hemoglobin dissociation curve

5. Functions of lymphocytes

6. Mechanism of water re-absorption in renal tubules

7. Signs and symptoms of upper motor neuron lesion

Answer briefly: (5X4=20)

8. Functions of cerebellum

9. Visual receptors

10. Regulation of aldosterone secretion

11. Functions of testes

12. Dysbarism

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