

**QP CODE:102012 (old scheme)**

**Reg.No: .....**

**First Year B.Sc MLT Degree Supplementary Examinations,  
January 2017**

**PHYSIOLOGY**

**(2010 Scheme)**

**Time: 2 Hours**

**Total Marks: 50**

- Answer all questions.
- Draw diagrams wherever necessary.

**Essay**

**(10)**

1. Define sarcomere. Describe the structure of skeletal muscle. Add a note on myasthenia gravis. (2+6+2=10)

**Short notes**

**(5X5=25)**

2. Lung volumes and capacities
3. Gastric secretion
4. Functions of kidney
5. Refractive errors
6. Functions of plasma proteins

**Answer briefly**

**(5x3=15)**

7. Functions of placenta
8. Pituitary dwarf
9. Blood groups
10. Deglutition
11. Neuron

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