



## Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (M.L.T) Degree Examination – May 2016

**Time: 3 Hours**

**Max. Marks: 40 Marks**

### **Physiology**

**Q.P. Code: 1602**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

(Note: Both QP Codes 1602 and 1603 are to be answered within total duration of 3 hours)

#### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Describe the actions of growth hormone. Add a note on conditions associated with the hyposecretion and hypersecretion of Growth Hormone.
2. Describe short term regulation of blood pressure.

#### **SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Trace the visual pathway
4. Explain the composition and functions of gastric juice.
5. Describe erythroblastosis foetalis.
6. Describe micturition reflex.
7. Neural regulation of respiration

#### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Define hypoxia. Classify the types of hypoxia.
9. Define synapse and list four synaptic properties.
10. Draw a neat labeled diagram of a Nephron
11. List the actions of testosterone.
12. Name the plasma proteins.

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