



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (M.L.T) Degree Examination – Sep 2012

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. Explain the chemical regulation of respiration
2. Describe the composition, regulation and functions of gastric juice

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Describe the following under ESR (A) Definition (B) Any two factors affecting ESR (C) Significance (D) Values in males and females
4. Functions of thyroid hormone
5. Briefly discuss on erythroblastosis fetalis
6. Enumerate the functions of liver
7. Enumerate any five functions of testosterone

SHORT ANSWERS

5 x 2 = 10 Marks

8. Structure of respiratory membrane
9. List the functions of bile salts
10. Give the chemical classification of endocrine hormones with examples
11. Define (A) Vital capacity (B) Anemia (C) Dysbarism (D) Cardiac output
12. List four functions of plasma proteins
