



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (M.L.T) Degree Examination – APRIL 2015

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. Name the ascending tracts. Explain the anterior spinothalamic pathway.

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2. Explain the role of pancreatic hormones in blood glucose regulation.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Brief note on surfactant
4. Ionic basis of Action potential
5. Explain oxygen dissociation curve.
6. Phases of gastric juice secretion
7. Define coagulation. Explain the intrinsic mechanism of coagulation.

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SHORT ANSWERS

5 x 2 = 10 Marks

8. Name various lung volumes and capacities.
9. Extrinsic mechanism of coagulation
10. Define GFR. Give normal value.
11. List the functions of Saliva.
12. Myopia and its correction

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