

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY-2019

Time: Three Hours**Max. Marks: 100 Marks****PHYSIOLOGY****PAPER – II****Q.P. CODE: 7416**

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Question**10 X 10 = 100 Marks**

1. List the tests for haemostasis. Discuss any two.
2. Name the plasma proteins and explain their functions.
3. Explain the baroreceptor reflex.
4. What is Reynold's number? Explain its application in cardiovascular physiology.
5. What are the special features of coronary circulation/
6. What is pacemaker potential? Explain its ionic basis.
7. Diffusion capacity of lungs.
8. Explain the role of chemoreceptors in regulation of respiration.
9. Explain the functions of pulmonary surfactant.
10. What are the cardiovascular adjustments to isotonic exercise of moderate intensity.

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