

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 14-Nov-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 Questions**10 X 10 = 100 Marks**

1. Source and functions of human interleukins and other immune regulatory cytokines. Write briefly on immune modulation.
2. Compensatory and decompensatory mechanisms after hemorrhage.
3. Neural control respiration.
4. Fibrinolytic system.
5. Mechanism of CO₂ transport from tissues to lungs.
6. Ionic basis of automaticity in cardiac muscle.
7. Mechanism of trans capillary exchange.
8. Non – respiratory functions of the lung.
9. Jugular venous pulse.
10. Pulmonary function tests and their physiological basis.

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