

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - MAY-2019

Time: Three Hours Max. Marks: 100 Marks

PHYSIOLOGY PAPER - IV O.P. CODE: 7418

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. NREM Sleep.
- 2. Righting reflexes.
- 3. Describe the photoreceptor mechanism.
- 4. Explain sound transmission through middle and internal ear.
- 5. Discuss the connections and functions of cerebellum.
- 6. Excitation contraction coupling.
- 7. Explain strength duration curve.
- 8. Hypothalamus and its role in control of appetite and thirst.
- 9. Describe cardiovascular changes during exercise.
- 10. Glaucoma.