

## Rajiv Gandhi University of Health Sciences

### MD Degree Examination - MAY-2019

[Time: 3 Hours]

[Max. Marks: 100]

#### PHYSIOLOGY - PAPER – I

**Q.P. CODE: 7415**

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. Feedback mechanisms in homeostasis
2. Recombinant DNA technology
3. Intercellular communication
4. Explain the gating of ion channels. Add a note on patch clamp technique.
5. Body fluid compartments and their measurements
6. Role of antioxidants in Aging
7. Development of Renal system
8. Contribution of Ivan Pavlov
9. Resting membrane potential
10. Stem cell therapy

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