

# Rajiv Gandhi University of Health Sciences, Karnataka

## I B.D.S Degree Examination - 13-Dec-2019

**Time: Three Hours****Max. Marks: 35 Marks****HUMAN PHYSIOLOGY (RS3)****Q.P. CODE: 1179**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**(Note: Both QP Codes 1179 and 1180 are to be, answered within total duration of three hours)****LONG ESSAYS****1 x 10 = 10 Marks**

1. Name the respiratory centres. Explain the neural regulation of respiration.

**(2+8)****SHORT ESSAYS****3 x 5 = 15 Marks**

2. Explain functions of pancreatic juice.
3. Trace the taste pathway.
4. Describe stages of erythropoiesis. List the factors affecting it.

**SHORT ANSWERS****5 x 2 = 10 Marks**

5. Mention normal serum calcium level. Name the hormones regulating it.
6. Define refractory period in an action potential.
7. List the differences between Cretinism and Dwarfism.
8. Define cardiac output. Mention its normal value.
9. List the functions of loop of Henle in an nephron.

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