

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – 04-Sep-2020

Time: 3 Hours**Max. Marks: 40 Marks****PHYSIOLOGY (RS)****Q.P. Code: 1677**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)**LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Define erythropoiesis. Describe stages of erythropoiesis and mention factors regulating it.
2. Define blood pressure. What is its normal value? Describe regulation of blood pressure.

SHORT ESSAYS (Answer any Four)**4 x 5 = 20 Marks**

3. Define and classify hypoxia
4. Describe the functions of saliva
5. Draw a neat, labeled diagram of juxta glomerular apparatus and mention its functions
6. Enumerate the functions of hypothalamus
7. Describe the stages of spermatogenesis

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

8. Name any two hormones of anterior pituitary and mention its function
9. Draw a neat, labeled diagram of ECG
10. Name the muscles of respiration
11. Name any two refractive errors of eye and mention its correction
12. Define and classify Refractory period
