

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 08-Sep-2020

Time: Three Hours**Max. Marks: 80 Marks**

HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme - 2) **Q.P. CODE: 1951**

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Describe the anatomy and functions of pancreas.
2. Describe the various process involved in erythropoiesis. Add a note on the factors influencing erythropoiesis.
3. Explain the auditory and non – auditory functions of the ear.

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. What are the functions of kidney?
5. Name the hormones secreted by the neurohypophysis. What are their functions?
6. Describe the structure of Lymph node and write down its functions
7. Draw a neat labeled diagram of stomach. Enlist the functions of stomach.
8. Explain the different family planning methods practiced by females.
9. What are the functions of hypothalamus?
10. Classify leucocytes. Enlist the functions of leucocytes
11. Explain various deflection waves of normal ECG and their significance.
12. Write the mechanism of respiration.
13. Explain the different types of muscular tissues.

SHORT ANSWERS**10 x 2 = 20 Marks**

14. What is tidal volume? Write the normal value.
15. Write down the composition & functions of saliva.
16. How are joints classified?
17. Name the bones of the face.
18. What is Addison's disease?
19. Effect of exercise on CVS
20. What is Corpus luteum?
21. Define tidal volume and vital capacity.
22. Define haemophilia and polycythemia.
23. What is Myasthenia gravis?
