

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 01-Dec-2020

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & PHYSIOLOGY (RS & RS2)

Q.P. CODE: 2851

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. Mention coagulation factors and write the mechanism of blood coagulation.
2. Describe the functional areas of Cerebrum.
3. Mention the hormones secreted by pituitary gland? Write the functions of each hormone.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Mention different cell organelles with their function
5. Define cartilage. Mention its types. Give description and examples of each of them.
6. Describe the angular and special movement of synovial joints.
7. What is anemia? Explain its types.
8. Describe the anatomy and functions of Spleen.
9. Explain the systemic and pulmonary circulation.
10. Write a note on transport of oxygen.
11. Explain Spermatogenesis.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define Vital Capacity. Write its normal value.
13. Draw and label waves of ECG.
14. Name digestive enzymes of gastric and pancreatic juice.
15. Write the functions of Kidney.
16. Draw a neat labeled diagram of spinal reflex arc.
17. Effects of athletic training on muscles.
18. Mention the proteins of Skeletal Muscles.
19. List out the functions of Skin.
20. Write the Location and functions of transitional epithelium.
21. Mention the functions of Stomach.
