

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 29-May-2023

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 various functional areas of cerebrum.
2. Describe the various phases of menstrual cycle and explain the steps involved in oogenesis.
3. Write the composition of blood. Explain the mechanism of clotting.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Describe the role of small intestine in digestion of food.
5. Explain ABO system of blood grouping.
6. Classify muscular tissue. Write a note on skeletal and smooth muscles.
7. Write a note on external respiration.
8. Describe the functions of anterior pituitary hormones.
9. Describe the composition of pancreatic juice and function of each component.
10. What is the role of Renin Angiotensin Aldosterone system in regulation of BP?
11. Draw a neat diagram of an eye and label its parts.
12. Write the functions of Skin.
13. Discuss the internal structure of spinal cord.

SHORT ANSWERS

10 x 2 = 20 Marks

14. Name the hormones of neurohypophysis. Mention their role.
15. What is vital capacity? Write the normal value.
16. What is ECG? Mention its significance.
17. Name the accessory glands of male reproductive system. What are their functions?
18. Explain the functions of spleen.
19. What is anemia? Mention the different types of anaemia.
20. What is Myasthenia gravis?
21. What are the functions of parathormone?
22. What are the functions of insulin?
23. Write the functions of WBC.
