

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – NOV-2017

Time: Three Hours**Max. Marks: 70 Marks**

HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme 3)

Q.P. CODE: 2601

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. Classify autonomic nervous system. Describe the physiological role of each division of ANS.
2. Draw a neat labeled diagram of stomach. Explain absorption and digestion of carbohydrates and proteins in small intestine.
3. Draw a neat labeled diagram of nephron and explain the formation of urine.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Explain ABO system of blood grouping.
5. Discuss renin – angiotensin – aldosterone mechanism on blood pressure.
6. Write notes on muscular tissue.
7. Mention the various hormones of pancreas and explain the functions of insulin.
8. Discuss the physiology of vision.
9. Describe the process of spermatogenesis.
10. Write the composition and functions of lymph.
11. Write a note on contraceptive devices.

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

12. Define jaundice and peptic ulcer.
13. Define haemophilia and polycythemia.
14. Significance of ECG
15. Name the bones of cranium.
16. Define hypoxia and asphyxia.
17. Effect of exercise on CVS
18. List the hormones of posterior pituitary gland.
19. Write the role of corpus luteum.
20. Functions of medulla oblongata
21. What is renal clearance? Give its significance.

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