

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – DEC-2014

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. Describe the transport of oxygen and carbondioxide in the blood.
2. Define blood. Write about the composition of blood. Discuss the mechanism of blood coagulation.
3. What is ANS? Write the functions of sympathetic and parasympathetic nervous system in detail.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain in detail conduction system of heart.
5. Classify tissue with examples. Explain about squamous epithelial tissue.
6. Draw a neat labeled diagram of microscopic structure of nephron.
7. Write the hormones secreted from adenohipophysis and mention its functions.
8. Functions of liver.
9. Discuss the physiology of vision.
10. ECG and its significance.
11. Explain the physiology of menstrual cycle.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define megaloblastic anaemia.
13. Enlist the functions of Leucocytes.
14. Name the taste buds and their functions.
15. Effect of exercise on respiration
16. Write the histology of bone.
17. Define atherosclerosis and cardiac arrhythmia.
18. Write the functions of nucleus.
19. What is renal clearance test?
20. Define hypoxia and asphyxia.
21. What is myasthenia gravis?