

NURSB - 1753 - ANATOMY & PHYSIOLOGY - TP1 (AUGUST-2009)_AUGUST-09 (OCT-09).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours**Max. Marks: 75 Marks****ANATOMY & PHYSIOLOGY (RS - 3)****Q.P. CODE: 1753 & 1754**

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

Use separate answer books for section A and section B**Q.P. Code: 1753 – Section A – ANATOMY (37 Marks)****LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. What are the components of the male reproductive system? Explain the testis with a diagram
2. Describe the heart. Explain how the blood flows through the heart?

SHORT ESSAYS (Answer any Three)**3 x 5 = 15 Marks**

3. Name the major salivary glands. What are the functions of saliva?
4. What is a nephron? Name its different parts
5. Stomach
6. Define uterine (Menstrual) cycle? Name the stages or phases of menstrual cycle

SHORT ANSWERS**6 x 2 = 12 Marks**

7. Describe the anatomical position
8. Name the hamstring group of muscles
9. Name the membranes or meninges in an order that covers the brain
10. Name the two layers of skin
11. What do you mean by endocrine gland? Name any two endocrine glands and their location
12. Name the bones of the lower limb

Q.P. Code: 1754 – Section B – PHYSIOLOGY (38 Marks)**Use separate answer book****LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Classify Leukocytes. Describe their morphology. Add a note on their functions
2. Define blood pressure. Give its normal value. Explain short term and long-term mechanisms of its regulation

SHORT ESSAYS (Answer any Four)**4 x 5 = 20 Marks**

3. Describe the secretion, regulation & functions of growth hormone
4. Name the errors of refraction. Explain its corrections with the help of diagram
5. Describe the formation and functions of Cerebro Spinal Fluid (CSF)
6. Describe an action potential recorded from a nerve fiber
7. Explain the structure of a synapse. What are its types?

SHORT ANSWERS**4 x 2 = 8 Marks**

8. Name the plasma proteins
9. Draw a neat diagram of a neuron and label its parts
10. Name the types of hypoxia
11. List four functions of liver
