

NURSB - 1753 - ANATOMY & PHYSIOLOGY - TP1 (AUGUST-2010)_AUGUST-10 (OCT-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – August 2010

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. (a) Name the parts of central nervous system (b) Describe the Cerebral hemisphere in detail.
2. (a) Describe the parts of urinary system (b) Describe urinary bladder in detail.

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

3. Spleen.
4. Upper end of femur
5. Tongue.
6. Histology of compact bone.

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

7. Classify cartilages with examples.
8. Name the 4 branches of external carotid artery.
9. Give the origin and termination of thoracic duct.
10. Name the four contents of femoral triangle.
11. Name the veins opening into the right atrium.
12. Histology of skin- Draw and label.

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

1. Describe the phases of menstrual cycle with hormonal changes.
2. Explain the mechanism of blood clotting. Add a note on anticoagulants.

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

3. Describe the transport mechanism across the cell membrane.
4. Describe neuron with neat-labeled diagram and add a note on saltatory conduction.
5. Explain the electrocardiogram (ECG) with waves and intervals.
6. Surfactant-formation, composition, functions.
7. Functions of Growth hormone.

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

8. Define cardiac output and give its normal value.
9. Types of hypoxia.
10. Color-blindness.
11. Phagocytosis.
