

I Year B.Sc. Nursing Degree Examination – Feb / Mar 2012

Time: Three Hours

Max. Marks: 75 Marks

ANATOMY & PHYSIOLOGY (RS - 3)**Q.P. CODE: 1753 & 1754**

Four 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) Describe the Gross Anatomy of stomach. (b) Add a note supply and Lymphatic drainage.
2. Describe the female reproductive system.

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

3. Upper end of femur.
4. Urinary bladder.
5. Tongue.
6. Thoracic duct.

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

7. Microscopic structures of pancreas.
8. Name the parts of brain stem.
9. Name four muscles of larynx.
10. Give the attachments of biceps brachii muscle.
11. Name the air sinuses opening into middle meatus of nose.
12. Name four branches of femoral nerve.

Q.P. Code: 1754 – Section B – PHYSIOLOGY (38 Marks)

Use separate answer book

LONG ESSAYS (Answer any One)**1 x 10 = 10 Marks**

1. Define Landsteiner's law. Describe the Rh blood group system and add a note on consequences of Rh incompatibility.
2. Mention the endocrine glands and list the hormones secreted by all of them. List the functions of cortisol.

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

3. Neuro muscular junction.
4. Functions of platelets.
5. Different methods of artificial respiration.
6. Functions of skin.
7. Mention the different refractive errors of the eye and explain any two of them with diagram.

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

8. Heart sounds.
9. Functions of Cerebrospinal fluid (CSF).
10. Mention four family planning methods in females.
11. All or None law.
