62501

First BASIC B.SC. NURSING, Winter 2014

Anatomy and Physiology

Total Durataion: Section A+B = 3 Hours

Total Marks :75

Instructions:

1) Use blue/black ball point pen only.
2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
3) **All** questions are **compulsory**.
4) The number to the **right** indicates **full** marks.
5) Draw diagrams **wherever** necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) Use a common answer book for all section.

Section "A" (42 Marks)

Anatomy

1. Short answer question (**any six** out of seven) : (6x5=30)
   a) Synovial joint
   b) Classification of bones according to shape with examples
   c) Sartorius muscle
   d) Boundaries and contents of axilla
   e) Stomach bed
   f) Relations of right kidney
   g) Muscles of mastication

2. Long answer question (**any one** out of two) : (1x12=12)
   a) Write in detail blood supply of heart
   b) Describe uterus under following headsi)Gross anatomy and Relationsii)Supportiii)Applied Anatomy

Section "B" (33 Marks)

Physiology

3. Short answer question (**any four** out of five) : (4x5=20)
   a) Write the functions of liver.
   b) Describe in brief the actions of growth hormone.
   c) Explain the transmission of an impulse across the Neuro-muscular junction.
   d) Write a note on functions of kidney.

3)

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4. Long answer question : (1x13=13)

a) Draw a well labelled diagram of conducting system of human heart. 6

b) Describe in detail various parts of conducting system with its applied importance. 7

OR

Long answer question : (1x13=13)

c) Describe in detail the gaseous exchange across the respiratory membrane. 6

d) Describe in brief the transport of O2 in blood. 7