

sem-1 B.L-1

P. P. SAVANI UNIVERSITY

First Semester of B.Sc. Nursing Examination September-2019

SNNR1010 - Anatomy and Physiology

25.09.2019, Wednesday

Time: 09:00 a.m. to 12:00 noon

Maximum Marks: 75

Instructions:

1. The question paper comprises of two sections.
2. Section A and B must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.

Section: A (Marks-38)

- Q:1 Long Essay. (Any One) (13)**
1. Answer the following.
 - a) Draw the structure of cell and explain the organelles. (06)
 - b) Classify the tissue in detail. (07)
 2. Answer the following.
 - a) Define Synovial Joint. (02)
 - b) Enumerate the characteristics of typical synovial joint. (05)
 - c) Describe the classification of synovial joint. (06)
- Q:2 Short Essay. (Any Three) (15)**
1. Draw the gross structure of kidney and explain.
 2. Explain thyroid gland.
 3. Discuss the supportive ligaments of uterus.
 4. Draw the structure of Ear and brief.
 5. Explain Meninges.
- Q:3 Answer the Following (Any Five) (10)**
1. Enlist four skeleton of foot.
 2. Draw quadrants of abdomen.
 3. List down the layers of heart.
 4. Name the pigment present in the skin that aids in the formation of Vitamin D.
 5. Draw and label the structure of stomach.
 6. Enlist the protein present in muscles.

Section-B (Marks-37)

- Q:4 Long Essay. (Any One) (12)**
1. Describe Liver and its function.
 2. A. Explain the Phases of Menstrual Cycle. (06)
B. Elaborate oogenesis in puberty. (06)
- Q:5 Short Essay. (Any Three) (3x5)**
1. Elaborate Role of Saliva in digestion.
 2. Describe the Pulmonary Circulation.
 3. Explain posterior pituitary hormones.
 4. Give composition of Lymph.
 5. Write the difference between Osmosis and Diffusion.
- Q:6 Answer the Following (Any Five) (5x2)**
1. Define Pulse Pressure.
 2. Enlist Functions of Ovary.
 3. Explain Regulation of Blood Glucose Level.
 4. Enlist the male and female sex hormones.
 5. Define GFR.
 6. Write functions of Stomach.