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First Semester B.Sc. Nursing Examination, (Phase-III) Winter - 2023  
**APPLIED ANATOMY & APPLIED PHYSIOLOGY (Paper-I)**

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 62

**SECTION - B & SECTION - C**

- Instructions :**
- 1) Use **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 answerbook for section B & C.**

**SECTION-B**

2. **Long Answer Questions: (Solve any one out of 2):** [1×10=10]
- a) Define joints. What are the types of joints? Describe the Shoulder joint in detail.
  - b) Enumerate the parts of the Digestive system. Discuss accessory organs of digestion.
3. **Short Answer Questions : (Solve any 3 out of 4):** [3×5=15]
- a) Thyroid gland
  - b) Meninges of Brain
  - c) External features of kidney.
  - d) Trapezius muscle

**P.T.O.**

4. Short Answer Questions : (Solve any 3 out of 4): [3×2=6]

- a) Peristalsis
- b) Goitre
- c) Stroke volume
- d) R.B.C.

**SECTION-C**

5. Long Answer Questions : (Solve any 1 out of 2) [1×10=10]

- a) Functions of Kidneys.
- b) Explain in detail the various functions of the Liver.

6. Short Answer Questions : (Solve any 3 out of 4) [3×5=15]

- a) Hormones of anterior pituitary.
- b) Functions of Cerebellum.
- c) Functions of pancreas.
- d) Conducting system of heart.

7. Short Answer Questions : (Solve any 3 out of 4) [3×2=6]

- a) Describe the structure of the renal capsule.
- b) Explain parts of the male urethra.
- c) Describe the Lobes of Liver.
- d) Draw a well labelled diagram of transverse section of spinal cord.

