

**ABVMUUP**  
**B.Sc. Nursing (Ist Year) Reg 2022**  
**Subject: Anatomy and Physiology**

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**Time: 3 hours**

**PAPER 1**

**Total marks: 75**

- All questions are compulsory
- Draw diagram whenever necessary
- Please fill the PAPER CODE CORRECTLY in the respective answer copies

**ANATOMY: Section A (37 Marks)**

**Paper 1 Part 1**

**Paper Code 2211100101**

**Q. 1. Long Answer Questions**

6+6=12 marks

- a) Draw a neat diagram of Heart and label it
- b) Explain Systemic circulation

**Q. 2. Long Answer Questions**

5+5 = 10 marks

- a) Explain structure of Stomach with diagram
- b) Explain accessory organ of digestion

**Q.3. Short Answer Questions**

3x3=9 marks

- a) Types of bone
- b) Structure of spinal cord
- c) Structure of skin

**Q.4. Define**

1x6=6 marks

- a) Pancreas
- b) Uterus
- c) Urinary Bladder
- d) Spleen
- e) Muscles
- f) Glands

**PHYSIOLOGY: Section B (38 Marks)**

**Paper 1 Part 2**

**Paper Code 2211200101**

**Q. 1. Long Answer Questions**

6+6=12 marks

- a) Explain functions of Neuron
- b) Explain Functions of CSF (cerebrospinal fluid)

**Q. 2. Long Answer Questions**

5+6=11marks

- c) Explain mechanics of respiration
- d) Explain functions of respiratory organs

**Q.3. Short Answer Questions**

3x5=15 marks

- a) Functions of kidney
- b) Regulation of body temperature
- c) Functions of thyroid gland
- d) Spermatogenesis
- e) Bone formation and growth