

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 11**

## B.Sc (Radiology & Imaging Technology)

**(Sem.-1)**

# BASICS OF ANATOMY-I

**Subject Code : BRIT-101-21**

**M.Code : 91363**

**Date of Examination: 12-01-2023**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **EIGHT** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FOUR** marks each and students have to attempt any **SIX** questions.
3. **SECTION-C** will comprise of two compulsory questions with internal choice in both these questions. Each question carries **TEN** marks.

## SECTION-A

**1. Write about :**

- Cardiac output.
- Regulation of respiration.
- Types of digestion.
- Classification of connective tissue.
- Location of subclavian artery.
- Define inguinal lymph.
- Composition of pleura.
- Enlist vertebral bones.

## SECTION-B

2. Write a short note on synovial joint.
3. Explain the process of gas exchange in lungs.

4. Write the functions of nucleus, mitochondria and ribosomes.
5. Describe the anatomy and physiology of lymph node.
6. Differentiate between artery and vein.
7. Add a note on gross anatomy of stomach.
8. Briefly explain the muscles of upper limbs.
9. Classify muscles. Explain the muscles of lower limbs.

### **SECTION-C**

10. Explain the functions and organs of lymphatic system.

**OR**

Discuss the anatomy and physiology of axial skeletal system.

11. Write a critical note on epithelial tissue.

**OR**

With a neat and labeled diagram, describe the structure and functions of heart.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**