

**BACHELOR OF VOCATION**  
**Medical Laboratory Technology**  
**Subject: Human Anatomy – Part I**  
**Subject Code: MLT-S105**  
**Semester: First**  
**January 2021**  
**Theory (External): 35 Marks**  
**Time: 03 Hours**

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**Instructions to the Students**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number										

**SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)**  
**(10x1=10 Marks)**

- A. Enumerate on pigments that are responsible for the color of skin?
- B. Explain what is thoracic region?
- C. Explain what is cell?
- D. How many types of salivary glands are there, name them?
- E. Name the largest gland in human body?
- F. Define abdominal viscera?
- G. Explain what compound epiphysis is briefly.
- H. What are the two functions of Lymph?
- I. Briefly explain what skin appendages are.
- J. Explain briefly about nervous tissues?

## **SECTION –B (ESSAY TYPE QUESTIONS)**

**(5x5=25 Marks)**

1. What is the anatomy of cardiovascular system; explain with the help of a neat and labelled diagram.
2. Describe structure and functions of human heart with a neat labelled diagram in detail.
3. Explain the Human excretory system with a diagram and give its functions. Why kidney is the main excretory organ?
4. With a neat labelled diagram explain the structure of a Neuron. How nerve impulses are transferred from one neuron to the next neuron?
5. A single cell can perform all the functions of life, why do we need many cells? If nucleus is not there, what would happen to the cell?
6. Explain the Sclerous tissue with its functions.
7. What is reproduction? Explain what happens during reproduction? Can humans reproduce asexually?
8. What is lymphatic system? What are the two common problems with the lymphatic system? Where does lymph drain into?

**==END OF PAPER==**