



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FIRST YEAR FIRST SEMESTER EXAMINATION IN BScHons (Nursing)-2023
NURAN 1153 Anatomy for Nurses I

Paper II

Date: 11.12.2024

Time: 02 hours

ANSWER ALL THE SIX QUESTIONS

Answer each part in separate answer books.

PART A

1. 1.1. 1.1.1 Mention 04 anatomical body planes and define them. (40 Marks)
1.1.2 Mention 05 movements of the thumb. (20 Marks)
- 1.2. 1.2.1 Write short notes on Nucleus of the cell. (25 Marks)
1.2.2 Mention 03 cell extensions. (15 Marks)

2. 2.1. 2.1.1 What is cell cycle? (10 Marks)
2.1.2 What are the phases of Mitosis? (20 Marks)
2.1.3 Give an example of Meiosis in our body. (10 Marks)
- 2.2 2.2.1 What are the major functions of connective tissue? (20 Marks)
2.2.2 Name 04 cells in the connective tissue. (20 Marks)
- 2.3 Write a brief note on Smooth Muscle. (20 Marks)

PART B

3. 3.1 Mention 05 functions of the skeletal system. (25 Marks)
- 3.2 Mention 04 features of the clavicle which help to determine the side. (20 Marks)
- 3.3 Mention the Two surfaces, Three borders and Three angles of the scapula. (40 Marks)
- 3.4 What are the three individual bones which form the hip bone. (15 Marks)

4. 4.1 Mention the 05 regions of the vertebral column. (25 Marks)
- 4.2 Mention 05 movements of the shoulder joint. (25 Marks)
- 4.3 Define the following terms:
- 4.3.1 Mutation (05 Marks)
- 4.3.2 Mutagens (05 Marks)
- 4.4 Briefly explain base substitution mutations. (15 Marks)
- 4.5 Describe the types of chromosomal translocations with examples. (25 Marks)

PART C

5. 5.1 Write notes on gross anatomy of left lung. (40 Marks)
- 5.2 Write notes on nasal conchae. (30 Marks)
- 5.3 Write short notes on pleurae. (30 Marks)
6. 6.1 Write notes on Right atrium. (40 Marks)
- 6.2 Write notes on portal vein (30 Marks)
- 6.3 List the branches of abdominal aorta (30 Marks)