



FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA

Department of Nursing

1st End Semester Examination – 2023 – 2020/2021 (14th) Batch

NUR 1112 - Anatomy I - SEQ

Date: 3rd February 2023

Time: 10.45 a.m.- 11.45 a.m.

Duration: 1 hour

Index Number: .....

Answer all questions.

1.

1.1. Draw a labeled diagram of a cross section of the esophagus. (25 marks)

Dotted lines for drawing a cross section of the esophagus.

1.2. Draw a labeled diagram of hepatobiliary system including the ducts. (25 marks)

Dotted lines for drawing a hepatobiliary system including the ducts.



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1.3. List the structures associated with the pathway of conduction of air in the respiratory system.

(25 marks)

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1.4. Briefly describe the basic anatomical structure of the larynx.

(25 marks)

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2.

2.1. Cell cycle is an orderly sequence of events in which a somatic cell duplicates its contents and divides into two. It has some main phases and sub phases where specific events take place.

2.1.1. List the main phases and sub phases of the cell cycle of a somatic cell?

(10 marks)

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2.2. The vertebral column is a bony structure made by the union of 33 vertebra and protects the spinal cord in it. Vertebral foramen in the vertebral column permits passage of the spinal cord through it. Several structures leave and enter the vertebral foramen through the intervertebral foramina.

2.2.1. List five structures passing through the intervertebral foramina of the vertebral column? (15 marks)

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2.3. The Shoulder joint is a ball and socket type of joint and the most mobile joint in the human body. Due to its high mobility, it is more vulnerable to being dislocated. Hence several structures inside and outside the joint provide stability to the joint.

2.3.1. List the structures providing stability to the shoulder joint? (25 marks)

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2.3.2. Cubital fossa is an area of transition between the anatomical arm and forearm. It contains some structures which are important clinically.

Describe the anatomy of cubital fossa? (20 marks)

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Dotted lines for writing.

2.7.2. Caudal foramen is an area of transition between the neurological arm and foramen. It contains bony structures which are important clinically. Describe the anatomy of caudal foramen. (15 marks)

Dotted lines for writing.