



FACULTY OF ALLIED HEALTH SCIENCES
UNIVERSITY OF RUHUNA

Department of Medical Laboratory Science

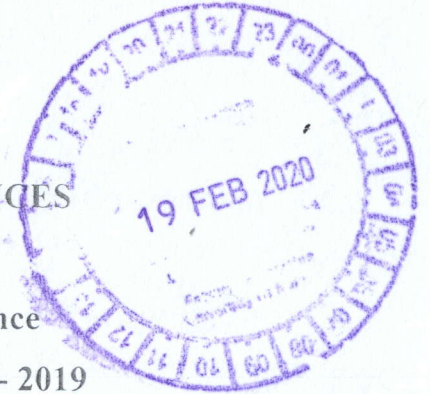
Year End Examination, Year 1 - 10th Batch - 2019

Human Biology (MLS 1103) – Theory II (SEQ)

Wednesday 06th February 2019

Time: 10.15 a.m. – 11.15 a.m.

Duration: 1 hour



Index Number:

Answer one question from PART A and one question from PART B in the spaces given.

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PART B - Anatomy

1.

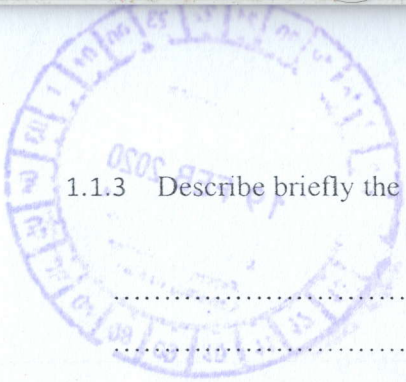
1.1

1.1.1 Name five different types of nerve cells in the nervous system. (10 marks)

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1.1.2 Draw a labeled diagram of a multipolar neuron. (20 marks)

94



1.1.3 Describe briefly the histological appearance of the cerebellar cortex using a diagram.

(30 marks)

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1.2 Name five different types of connective tissues in the body.

(10 marks)

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1.3 Describe briefly the histological appearance of the shaft of a long bone.

(30 marks)

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(97)



93

2.

2.1 List the different parts of male reproductive system. (20 marks)

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2.2 Name accessory glands associated with the male reproductive system and state their functions. (30 marks)

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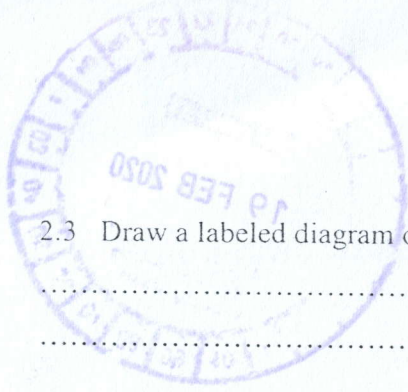
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2.3 Draw a labeled diagram of a seminiferous tubule.

(25 marks)

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2.4 Describe the structure of a matured spermatozoa.

(25 marks)

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