



FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA

B.Sc. Medical Laboratory Science Degree Programme

Year End Examination Year 1, 7th Batch- December 2015

Human Biology (MLS1103) – Theory (Structured Essay)

Date: Monday 21st December 2015 Time: 10.15 am -11.15 am

Duration: 1 Hour

PART B- Anatomy

Index Number.....

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1.
1.1 Name the parts of the gastrointestinal system using a labeled diagram. (20 marks)



- 1.2 Describe the histological appearance of the liver. (15 marks)

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5 Draw a labeled diagram of a typical synovial joint.

(20 marks)



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2.

2.1 "The sexual determination takes place at the fertilization", briefly explain the above statement.

(15 marks)

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2.2 Briefly describe the histological appearance of the fallopian tube.

(15 marks)

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2.3 State **four** (4) differences between proliferative phase and the secretory phase of the endometrium.

(8 marks)

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2.4 Using a labeled diagram, briefly describe the microscopic structure of the breast. (12 marks)

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2.5 List the five (5) different structural components of the brain.

(10 marks)

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2.6 Using a labeled diagram, briefly describe the histological appearance of cerebellum. (20 marks)

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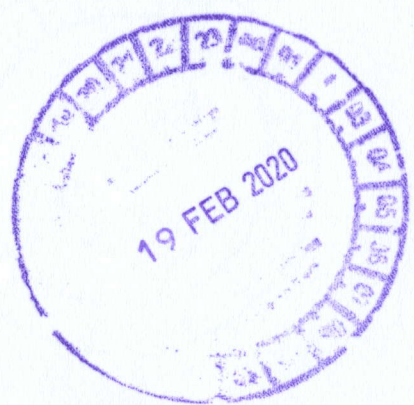
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2.7 Draw a labeled diagram of a cross-section of spinal cord.

(20 marks)



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