



Faculty of Medicine, University of Ruhuna  
Medical Laboratory Science Degree Programme

Year end examination Year 1 – June 2015  
6<sup>th</sup> atch – Human Biology MLS 1103 - theory I

Tuesday 30<sup>th</sup> June 2015 Time: <sup>10.15 a.m - 11.15 a.m</sup> ~~9.00 a.m. to 10.00 a.m.~~

Index Number: .....

PART B- Anatomy

16

1.1 List the characteristics of epithelial tissues. (10 marks)

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1.2 Outline the functional significance of the transitional epithelium. (20 marks)

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1.3 “Cartilage is a type of connective tissue” Explain this statement. (20 marks)

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16



**Briefly describe the structure of prostate gland.**

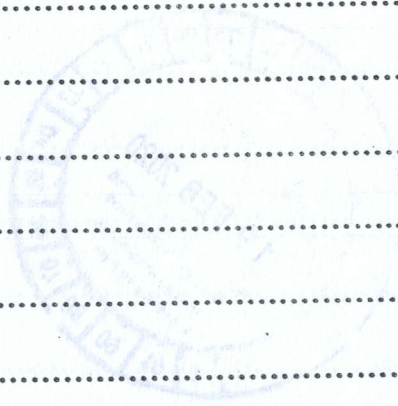
**(15 marks)**

**Briefly describe the structure of the spermatozoa.**

**(15 marks)**

**6 List the structures inside the scrotum.**

**(10 marks)**





Structures inside the spermatic cord.

(10 marks)

15

List the organs of gastro intestinal system.

(10 marks)

Describe the light microscopic appearance of a cross section of the oesophagus.

(30 marks)



15

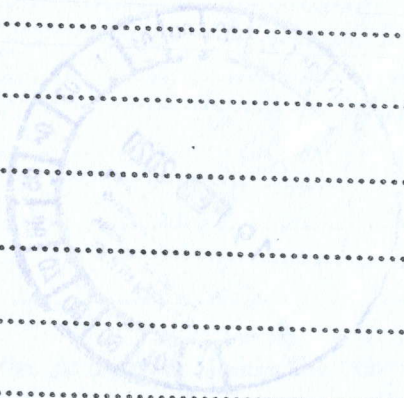


List four different structural components of the respiratory zone of the respiratory system.

(10 marks)

Describe the histology of the alveolar capillary membrane.

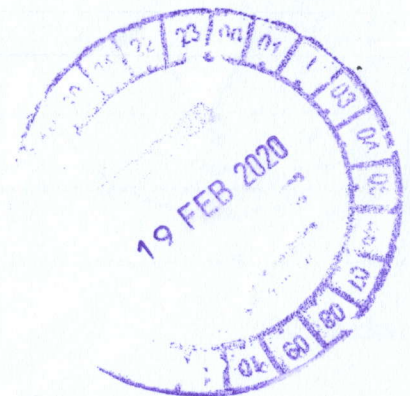
(25 marks)



ed diagram of a longitudinal section of a kidney.

(25 marks)

14



14