

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**POSTGRADUTE DIPLOMA IN ANATOMY EXAMINATION I –**  
**SEPTEMBER 2016**

**FOUNDATION MODULE I**

**Date :-** 3<sup>rd</sup> September 2016

**Time :-** 2.30 p.m. – 4.30 p.m.

Answer all questions.

Answer each question in a separate book.

**ESSAY (30 minutes)**

1. Describe the anatomical changes due to bipedalism. (100 marks)

**SEQ (15 minutes each question)**

- 2.
- 2.1. Describe the classification of joints with examples. (25 marks)
- 2.2. Describe stabilizing factors of joints. (25 marks)
- 3.
- 3.1. Describe the process of spermatogenesis. (20 marks)
- 3.2. Describe the phases of fertilization. (20 marks)
- 3.3. List the derivatives of ectoderm. (10 marks)

**FOUNDATION MODULE II****ESSAY (30 minutes)**

1. Describe the histology of simple epithelia with examples. (100 marks)

**SEQ (15 minutes each question)**

- 2.
- 2.1. Name the layers of the skin. (10 marks)
  - 2.2. Describe the differences between thin skin and thick skin. (15 marks)
  - 2.3. Describe the histological differences between serous acini and mucous acini (25 marks)
- 3.
- 3.1. Describe the differences between cartilage and bone. (25 marks)
  - 3.2. Compare and contrast histology of the skeletal muscle and smooth muscle. (25 marks)

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**POSTGRADUTE DIPLOMA IN ANATOMY EXAMINATION I –**  
**SEPTEMBER 2016**

**UPPER LIMB MODULE**

**Date :-**4<sup>th</sup> September 2016

**Time :-** 10.00 a.m. – 11.00 a.m.

Answer all questions.

Answer each question in a separate book.

**ESSAY (30 minutes)**

1. Describe the anatomy of the shoulder joint. (100 marks)

**SEQ (15 minutes each question)**

2.

2.1. State the borders of the cubital fossa. (15 marks)

2.2. List the contents of the cubital fossa. (15 marks)

2.3. Describe its clinical relevance. (20 marks)

3.

3.1. Briefly describe the boundaries of the carpal tunnel. (20 marks)

3.2. List its contents. (10 marks)

3.3. State its clinical importance. (20 marks)