

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

POSTGRADUATE DIPLOMA IN ANATOMY EXAMINATION I
SEPTEMBER 2019

FOUNDATION MODULE 1

Date: 7th September 2019

Time: 10.15 a.m. – 12.15 p.m.

Answer all questions.

Answer each question in a separate book.

Essay (30 minutes)

1. Describe the process of gastrulation. (100 marks)

SEQ (15 minutes each question)

- 2.
- 2.1. Describe the process of cleavage. (20 marks)
 - 2.2. List the differences between mitosis and meiosis. (20 marks)
 - 2.3. List the functions of zona pellucida. (10 marks)
- 3.
- 3.1. Describe the gross anatomy of the intervertebral disc. (20 marks)
 - 3.2. Describe the relations of the L5 intervertebral foramina. (20 marks)
 - 3.3. List the ligaments that can be identified around L5 vertebra. (10 marks)

FOUNDATION MODULE II

Essay (30 minutes)

1. Describe the histology of transitional epithelium. (100 marks)

SEQ (15 minutes each question)

2

- 2.1. Describe the light microscopic appearance of adipose tissue. (10arks)
- 2.2. State the classification of exocrine glands according to the mode of secretion with examples. (20 marks)
- 2.3. Describe the histological features of collagen fibers. (20 marks)

3.

- 3.1. Draw a labeled diagram of the female reproductive system. (10 marks)
- 3.2. Briefly outline the anatomical position of the uterus. (20 marks)
- 3.3. Name the parts of the male genital system. (05 marks)
- 3.4. State five structural differences of testis and ovary. (15 marks)

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UPPER LIMB MODULE

Date: 7th September 2019

Time: 12.15 p.m. – 1.15 p.m.

Answer all questions.

Answer each question in a separate book.

Essay (30 minutes)

1. Describe the anatomical relationships of the pectoralis minor muscle.
(100 marks)

SEQ (15 minutes each question)

2. Write short notes on the following
 - 2.1. Pulp space of finger (25 marks)
 - 2.2. Thenar eminence of the hand (25 marks)
3. Briefly describe the following
 - 3.1. Lymphatic drainage of the breast (25 marks)
 - 3.2. Flexor compartment of the arm (25 marks)