

Master Copy

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

**POSTGRADUATE DIPLOMA IN ANATOMY EXAMINATION**  
**MARCH 2021**

**MODULE 9 - HEAD AND NECK**

**ESSAY PAPER**

**Date:-** 16<sup>th</sup> March 2021

**Time:-** 11.15 a.m. – 11.45 a.m.

1. Describe the gross anatomy of the submandibular gland.  
Add a note on its clinical significance.

(100 marks)

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

*Master  
copy*

**POSTGRADUATE DIPLOMA IN ANATOMY EXAMINATION**  
**MARCH 2021**

**MODULE 9 - HEAD AND NECK**

**STRUCTURED ESSAY QUESTION (SEQ) PAPER**

**Date:-** 16<sup>th</sup> March 2021

**Time:-** 11.45 a.m. – 12.15 p.m.

**Answer all two (02) questions.**  
**Answer each question in a separate book.**

1.

1.1. Describe the investing layer of the deep cervical fascia. (25 marks)

1.2. Describe the arrangement of lymph nodes in the neck. (25 marks)

2. Describe the external carotid artery under the following subheadings.

2.1. Origin, course, and relations. (25 marks)

2.2. Branches. (25 marks)

POSTGRADUATE INSTITUTE OF MEDICINE  
UNIVERSITY OF COLOMBO

*Master*

POSTGRADUATE DIPLOMA IN ANATOMY EXAMINATION  
MARCH 2021

MODULE 10 - NEUROANATOMY

ESSAY PAPER

**Date:-** 16<sup>th</sup> March 2021

**Time:-** 12.15 p.m. – 12.45 p.m.

1. Describe the anatomy of the circle of Willis with its areas of supply.  
Use labelled line diagram/s to illustrate your answer. (100 marks)

Neuro

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

**POSTGRADUATE DIPLOMA IN ANATOMY EXAMINATION**  
**MARCH 2021**

**MODULE 10 - NEUROANATOMY**

**STRUCTURED ESSAY QUESTIONN (SEQ) PAPER**

**Date:-** 16<sup>th</sup> March 2021

**Time:-** 12.45 p.m. – 1.15 p.m.

**Answer all two (02) questions.**  
**Answer each question in a separate book.**

1.

- 1.1. Using a flow chart describe the pain and temperature pathway from the skin of the tip of the right index finger to the cerebral cortex. (50 marks)
- 1.2. List the neurological signs observed in lesions of the following:
  - 1.2.1. Posterior column of the spinal cord. (25 marks)
  - 1.2.2. Lateral spinothalamic tracts of the spinal cord. (25 marks)

2.

- 2.1. Describe the anatomical basis of the clinical features seen in a left sided upper motor neuron lesion of the facial nerve. (50 marks)
- 2.2. Draw a labeled line diagram of the lateral aspect of the cerebrum to illustrate the functional areas. (25 marks)
- 2.3. Outline the functions of the cerebellum. (25 marks)