

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

**SELECTION EXAMINATION IN MD (SURGERY) FEBRUARY 2019**

Date: 12<sup>th</sup> February 2019

Time: 9.30am -- 11.30am


**PAPER I**  
**ANATOMY**

**Answer all questions.**

**Answer each question in a separate book.**

1. 1.1. Describe the origin, course and distribution of the median nerve (60%)  
1.2. List the sites and outline the manifestations of median nerve injury at each site (40%)
2. Describe the course and distribution of the branches of the coeliac trunk and their clinical significance. (100%)
3. Write notes on
  - 3.1. The anatomy of the musculature of the diaphragm including its arrangement, attachments and their clinical significance (50%)
  - 3.2. The vascular relations of the trachea (50 %)
4. Describe the anatomy of the scalp and its clinical significance (100%)

Mentor copy  
11/2/19



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Date: 12<sup>th</sup> February 2019

Time: 1.00 pm – 4.00 pm

**PAPER II**  
**PART B – PATHOLOGY**

**Answer all questions.**

**Answer each question in a separate book.**

4. Discuss local and systemic factors determining the outcome of acute limb ischemia due to arterial occlusion. (100%)
5. Write notes on the following
- 5.1 Hormone dependent tumours (40%)
  - 5.2 Cancer following chronic inflammation (30%)
  - 5.3 Pathophysiology and sequelae of acute osteomyelitis (30%)
- 6
- 6.1 Outline aetiopathogenesis of pericardial effusion (40%)
  - 6.2 Discuss the advantages and disadvantages of a core biopsy sample versus fine needle aspiration cytology in the diagnosis of a breast lump (60%)