

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

**MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION**  
**DECEMBER 2009**

Date : 7<sup>th</sup> December 2009.

Time : 1.00 p.m. - 4.00 p.m.

**PAPER I**

**Answer question (01) which is compulsory.**

**Answer three other questions.**

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

1. Describe light microscopically recognizable changes occurring in injured cells that help in the diagnosis of diseases. (100 marks)
2. Outline your approach to the pathological diagnosis of bone tumours giving examples. (100 marks)
3. Discuss prognostic factors of carcinoma of the breast. (100 marks)
4. A 55-year-old male patient presented to the neurosurgical unit with a history of fits and headache of three months duration. Contrast enhanced CT showed a hypodense focus with ring enhancement in the left parietal lobe.
  - 4.1. Name possible conditions for this lesion. (25 marks)
  - 4.2. What types of samples would you receive at the histopathology laboratory from this patient ? (15 marks)
  - 4.3. Describe histological features of three of the lesions mentioned in 4.1. (60 marks)
5. Discuss the value and limitations of fine needle aspiration cytology in the assessment of a solitary thyroid nodule. (100 marks)

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

**MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION**  
**NOVEMBER 2008**

Date : 8<sup>th</sup> December 2009.

Time : 9.00 a.m. -12.00 noon.

**PAPER II**

**Answer four questions.**

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

1. Discuss the differential diagnosis of bullous lesions of the skin, emphasizing diagnostic histological features and ancillary investigations which could be performed on a skin biopsy. (100 marks)
2. A 38-year old female presented with abdominal discomfort of six months duration. Ultrasound scan of the abdomen showed a cystic lesion of the pancreas.
  - 2.1. List the differential diagnosis. (20 marks)
  - 2.2. Describe the morphological features of two of the conditions you mention in 2.1. (50 marks)
  - 2.3. How would you handle a specimen of Whipple's operation in the laboratory ? (30 marks)
3.
  - 3.1. List primary epithelial neoplasms that can arise in the endometrium. (20 marks)
  - 3.2. Discuss briefly the pathogenesis of these neoplasms. (30 marks)
  - 3.3. What information would you provide in your histopathology report that would assist the clinician on the further management of a patient who has undergone hysterectomy for endometrial carcinoma ? (50 marks)
4. Discuss the pathology of lesions in the gastrointestinal tract in patients with Acquired Immune Deficiency Syndrome (AIDS). (100 marks)
5. Write notes on any four of the following conditions :- (25 marks for each)
  - 5.1. Langerhan cell histiocytosis .
  - 5.2. Spindle cell lesions of the breast.
  - 5.3. Intracardiac thrombotic lesions.
  - 5.4. Acute respiratory distress syndrome.
  - 5.5. Fibromatosis.