POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION – OCTOBER/NOVEMBER 2012

Date :- 26th November 2012   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. Discuss the role viruses play in causing cancer giving three clinical examples.
   Indicate any postulated pathogenetic mechanisms and their clinical implications.   (100 marks)

2. A renal biopsy has been performed in a 35 year old male who presented with mild proteinuria (<3g/24 hours), microscopic haematuria and hypertension.

   List the possible causes and describe the histopathological features and ancillary investigations that will assist in arriving at a definitive diagnosis.
                                                                        (100 marks)

3.
   3.1.   Describe the pathogenesis of an atheromatous plaque.   (40 marks)

   3.2.   Describe the morphological manifestations of atherosclerosis and its complications.   (60 marks)

4. Discuss histomorphological changes of the epidermis which aid in the differential diagnoses of inflammatory dermatoses.   (100 marks)

5. Discuss the aetiopathogenesis, presentation and main morphological findings of the common ovarian epithelial cancers.   (100 marks)

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Date :- 27th November 2012   **Time :-** 9.00 a.m. – 12.00 noon

PAPER II

Answer four questions.
Answer each question in a separate book.

1. Discuss the role pathologists play in indicating to the clinician the prognosis of any given cancer.   (100 marks)

2. Discuss the current classification of primary lung carcinoma, indicating the diagnostic, prognostic and molecular pathogenetic features of each type.   (100 marks)

3. Describe polypoid lesions of the stomach highlighting characteristics important in their differential diagnoses and any significant clinical implications.   (100 marks)

4. Enumerate the problems you may encounter in the differential diagnosis of breast lesions in tru-cut biopsies and explain how immune markers help in refining the diagnosis, giving examples.   (100 marks)

5. Write notes on –
       (50 marks)

   5.1. Viral encephalitis.

   5.2. Diagnostic and prognostic molecular markers of brain tumours.
       (50 marks)