

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION –
OCTOBER/NOVEMBER, 2013

Date :- 25th November 2013

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. Compare and contrast the pathogenesis, presentation and pathological complications of arterial and venous thrombosis. (100 marks)

2. A 60 year old male presented to the neuro-surgical unit with a history of fits and headache of two months duration. A contrast enhanced CT showed a hypodense, well circumscribed lesion in the right parietal lobe.
An intra operative crush cytology smear revealed singly scattered rounded cells with scanty cytoplasm.
Discuss the differential diagnosis and explain how you would arrive at a definitive diagnosis on a biopsy of the same lesion. (100 marks)

3.
 - 3.1. Discuss the molecular basis of colorectal carcinoma and correlate each category with the characteristic histological and clinical findings. (70 marks)

 - 3.2. State the important prognostic parameters of colorectal carcinoma. (30 marks)

4. Discuss the differential diagnosis of a skin biopsy showing intra epidermal collections of neutrophils. (100 marks)

5. Write an account on giant cell rich lesions of bone. (100 marks)

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MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION
OCTOBER/NOVEMBER, 2013

Date :- 26th November 2013

Time :- 9.00 a.m. – 12.00 noon

PAPER II

Answer four questions.

Answer each question in a separate book.

1. Discuss, citing examples, the pathological and clinical effects of chronic inflammation in the heart, pericardium and aorta. (100 marks)
2. A core biopsy of a lung from a 45 year old male revealed granulomatous inflammation. Explain how you would arrive at a diagnosis using histological features and ancillary investigations. (100 marks)
3.
 - 3.1. List the differential diagnosis of a spindle cell lesion detected on a tru-cut biopsy of a breast mass in a 35 year old female. (30 marks)
 - 3.2. Discuss your diagnostic approach to this lesion based on histological features and other ancillary studies. (70 marks)
4. Discuss the histopathological features of a para-testicular mass in a 32 year old male, indicating the special techniques that would be helpful in arriving at a definitive diagnosis. (100 marks)
5. Discuss the role of the pathologist in the management of a 50 year old female with an enlarged left supraclavicular lymph node. (100 marks)