

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (PATHOLOGY) HISTOPATHOLOGY EXAMINATION
NOVEMBER 2008

Date : 24th November 2008.

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 the pathological processes which occur in the body in response to infections. Explain, giving examples. how recognition of these pathological processes help to identify aetiological agents causing the infections. (100 marks)

2. Write notes on the types of changes that can be seen in the skull. meninges and brain of a 25 year old man following a severe blunt head injury as a result of a high speed car accident. (100 marks)

3. Outline your approach to a skin biopsy with a lichenoid reaction pattern. giving examples and their diagnostic features. (100 marks)

4. Describe the range of histological appearances that may be found in a uterine curettage of a perimenopausal female with irregular bleeding. (100 marks)

5. Write a brief account as to how you would distinguish histologically between the following conditions in a representative section.
What other information/investigations would support your diagnosis.
 - 5.1. Reactive vs malignant mesothelial proliferation. (25 marks)
 - 5.2. Hydatidiform mole vs partial mole. (25 marks)
 - 5.3. Well-differentiated hepatocellular carcinoma vs focal nodular hyperplasia. (25 marks)
 - 5.4. Duct epithelial hyperplasia vs low-grade duct carcinoma in-situ. (25 marks)

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NOVEMBER 2008

Date : 25th November 2008

Time : 9.00 a.m. - 12.00 noon.

PAPER II

Answer four questions.

Answer each question in a separate book.

1. Describe the sequelae of chronic inflammation in the alimentary tract citing common examples and explain their pathogenesis. (100 marks)
2. A 50 year old male patient with a radiological lung opacity in the right upper lobe has had a lobectomy following FNAC diagnosis of the lesion.
 - 2.1 List five neoplastic lesions that could give rise to this radiological appearance. (20 marks)
 - 2.2 How would you arrive at a cytological diagnosis of the lesions mentioned in 2.1. using FNA material. (60 marks)
 - 2.3 Mention briefly how you would handle the lobectomy specimen received fresh in the laboratory. (20 marks)
3. Discuss the histological and cytological features ,of hyperplastic disorders of the thyroid. Mention briefly the pathogenesis of these conditions. (100 marks)
4. A section of a lymph node in a 30 year old female shows necrosis. Discuss the other histological features you would look for in the evaluation of this node. Mention any special tests that could be performed on the biopsy material that would help you to arrive at a definite diagnosis. (100 marks)
5. Write notes on
 - 5.1. Congophilic angiopathy. (25 marks)
 - 5.2. Desmoplastic small round cell tumour. (25 marks)
 - 5.3. Gastrointestinal stromal tumour. (25 marks)
 - 5.4. Dysplastic naevus. (25 marks)