

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (HISTOPATHOLOGY) PART I EXAMINATION – FEBRUARY 2021

Date: 1st February 2021

Time: 1.00 p.m. – 4.00 p.m.

ESSAY PAPER

Answer all four (04) questions.

Answer each question in a separate book.

Marks for different parts are indicated within brackets.

01.

1.1. Explain the pathogenetic mechanisms of generalized and localized oedema.
(50 marks)

1.2. Indicate clinicopathological examples for each of the mechanisms mentioned in 1.1 describing macroscopic features of the affected organs.
(50 marks)

02.

2.1. State the current categorization of intraductal papillary neoplasms of the breast.
(40 marks)

2.2. Describe the morphological and immunohistochemical features that would help to arrive at a diagnosis in each condition mentioned in 2.1.
(60 marks)

03.

3.1. You have been sent a radical nephrectomy specimen. Describe the prognostic information regarding renal carcinoma that can be obtained from the specimen. Explain where relevant the procedures you would follow, as the pathologist grossing and reporting on this specimen, to elicit this prognostic information.
(50 marks)

3.2. Compare the pathological features of intraductal carcinoma of prostate and high grade prostatic intraepithelial neoplasia (HGPIN).
(30 marks)

3.3. Describe the utility of GATA3 immunohistochemistry in urological tumours.
(20 marks)

04. Write notes on the following;
- 4.1. Prognostic features of a carcinoma arising in a resected adenomatous polyp (snare polypectomy). (20 marks)
 - 4.2. Value of liquid biopsy in the management of cancer. (20 marks)
 - 4.3. Current classification of neuroendocrine neoplasms of the intestine. (30 marks)
 - 4.4. Cytological diagnostic categorization of salivary gland lesions. (30 marks)