

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (DERMATOLOGY) EXAMINATION – JANUARY 2018

Date :- 22nd January 2018

Time :- 1.00 p.m. – 3.00 p.m.

WRITTEN EXAMINATION

S1 - PAPER I (THEORY 1)

Answer all questions.

Answer each question in a separate book.

1. Describe the characteristics, arrangement and functions of cutaneous stem cells and the pathogenesis of two skin diseases predominantly targeting these cells. (100 marks)

2.
 - 2.1. Briefly discuss the types of cutaneous histiocytes and their functions. (15 marks)
 - 2.2. What specific lab investigation/s would help to differentiate diseases arising from these cell types. Discuss the interpretation. (25 marks)
 - 2.3. Discuss the clinical features and management of three (03) histiocytic disorders. (60 marks)

3.
 - 3.1. List the physiological functions of subcutaneous fat. (20 marks)
 - 3.2.
 - 3.2.1. What are the four (04) main categories of panniculitis based on histology? (10 marks)
 - 3.2.2. Give an example for each of the categories you mentioned above. (20 marks)
 - 3.3. Outline the main (key) clinical and histological features of each of the examples you mentioned in 3.2.2 which would help you to arrive at a diagnosis. (50 marks)

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4.
 - 4.1. Discuss the principles of topical therapy. (60 marks)
 - 4.2. Briefly mention the use of nanotechnology in dermatology. (10 marks)
 - 4.3. List important aspects to be considered with reasons when prescribing topical steroids. (30 marks)