

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (DERMATOLOGY) EXAMINATION – JANUARY 2024

Date:- 16th January 2024

Time:- 9.00 a.m. – 11.00 a.m.

WRITTEN EXAMINATION

S1 – PAPER I (THEORY I)

Answer all four (04) questions.

Answer each question in a separate book.

1. Discuss the classification, characteristic clinical and histological features of cutaneous tuberculosis. (100 marks)

2.
 - 2.1. Briefly describe the physiology of wound healing process in the skin. (50 marks)
 - 2.2. Name the types of post traumatic scars. (10 marks)
 - 2.3. Mention the therapeutic measures used in the treatment of post traumatic scars and describe their modes of action. (40 marks)

3.
 - 3.1. Briefly describe the endocrine functions of the skin. (50 marks)
 - 3.2. Mention the cutaneous manifestations of insulin resistance and describe their pathogenesis. (35 marks)
 - 3.3. Name five (05) skin diseases associated with metabolic syndrome. (15 marks)

4.
 - 4.1. What are Janus kinase (JAK) inhibitors? (10 marks)
 - 4.2. Mention four (04) dermatological indications for JAK inhibitors and describe their mode of action in two (02) of the conditions mentioned. (60 marks)
 - 4.3. Mention the adverse effects of treatment with JAK inhibitors. How do you monitor the patient? (30 marks)

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Date:- 16th January 2024

Time:- 11.15 a.m. – 12.00 noon

WRITTEN EXAMINATION

S1 – PAPER II (THEORY II)

Answer all three (03) questions.

Answer each question in a separate book.

1. A 16 year old abandoned boy is brought to the skin clinic by a probation officer, complaining of a patch of non scarring alopecia over frontal scalp.
 - 1.1. List four (04) differential diagnoses for above clinical scenario. (40 marks)
 - 1.2. Select three (03) conditions from 1.1 and, mention two (02) clinical features supportive of each. (30 marks)
 - 1.3. Mention one (01) trichoscopic feature of each of the condition you mentioned in 1.2. (30 marks)

2. An 8 year old child on treatment for a long-standing connective tissue disease, presented with severe oral ulceration of 4 days duration.
 - 2.1. List four (04) possible differential diagnoses for the oral ulceration. (40 marks)
 - 2.2. Mention four (04) important features in the history and examination helpful to narrow down your differential diagnoses. (40 marks)
 - 2.3. Mention two (02) appropriate rapid diagnostic tests with the expected findings to support your diagnoses. (20 marks)

3. A 22 year old woman presented with headache, lethargy and shortness of breath for 10 days. She is on daily oral medication during the past six weeks, for a hypo-pigmented patch over her left cheek.
 - 3.1. List two (02) conditions that you would consider for this acute presentation. (30 marks)
 - 3.2. Mention two (02) relevant investigations for each condition and their expected findings. (40 marks)
 - 3.3. Outline the treatment for one (01) of the condition mentioned in 3.1. (30 marks)