

FINAL EXAM
JUNE 2014

NATIONAL BOARD OF EXAMINATIONS

DERMATOLOGY, VENEREOLOGY & LEPROSY**PAPER - I**

DVD/J/14/06/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

- a) Draw flowchart of Haem synthesis pathway. (4)
 - b) Classify porphyria. (3)
 - c) Briefly outline laboratory diagnosis of porphyria. (3)
- a) Describe principle of Immunofluorescence (IF) and its major uses in Dermatology. (3+3)
 - b) Write characteristic direct immunofluorescence (DIF) findings in the following diseases: (1+1+1+1)
 - i. Paraneoplastic Pemphigus (PNP)
 - ii. Bullous Pemphigoid (BP)
 - iii. Dermatitis Herpetiformis (DH)
 - iv. Systemic Lupus Erythematosus (SLE)
- a) What is Evidence Based Medicine (EBM)? (4)
 - b) What is meant by strength of EBM? (2)
 - c) Discuss importance of EBM with respect to two dermatological diseases. (4)
- a) Write about the basics of innate defense mechanisms. (5)
 - b) Discuss role of Antimicrobial peptides (AMP) in host immunity. (5)
- a) Describe itch pathway. (3)
 - b) Enumerate mediators of pruritus. (4)
 - c) Classify anti-histamines. (3)
- a) Tabulate differences between allergic and irritant contact dermatitis. (4)
 - b) Describe technique of Photo-Patch testing. (3)
 - c) Describe various presentations of non-eczematous contact dermatitis. (3)
- Write salient histological features in:
 - a) Darier's disease (2.5)
 - b) Lichen sclerosus et atrophicus (2.5)
 - c) Bowen's disease (2.5)
 - d) Sporotrichosis (2.5)