DEPARTMENT, VENEREOLOGY & LEPROSY
PAPER - 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.

1. a) Draw flowchart of Haem synthesis pathway. (4)
   b) Classify porphyria. (3)
   c) Briefly outline laboratory diagnosis of porphyria. (3)

2. a) Describe principle of Immunoflorescence (IF) and its major uses in Dermatology. (3+3)
   b) Write characteristic direct immunoflorescence (DIF) findings in the following diseases:
      i. Paraneoplastic Pemphigus (PNP)
      ii. Bullous Pemphigoid (BP)
      iii. Dermatitis Herpetiformis (DH)
      iv. Systemic Lupus Erythematosus (SLE)

3. 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)

4. a) Write about the basics of innate defense mechanisms. (5)
    b) Discuss role of Antimicrobial peptides (AMP) in host immunity. (5)

5. a) Describe itch pathway. (3)
     b) Enumerate mediators of pruritus. (4)
     c) Classify anti-histamines. (3)

6. 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)

7. 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)

P.T.O.