

**DERMATOLOGY, VENEREOLGY AND LEPROSY****PAPER-I**Time: 3 hours  
Max. Marks: 100

DVD/D/19/06/I

**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.

**Write short notes on:**

1. a) Draw a labelled diagram of melanocyte. 3+4+3  
b) Process of melanogenesis.  
c) Role of melanocytes in the pathogenesis of melasma.
2. a) Direct immunofluorescence in Dermatology. 7+3  
b) Tzanck smear.
3. a) Draw a labelled diagram of nail apparatus. 4+6  
b) Role of nail fold capillaroscopy in Dermatology.
4. a) Hair shaft abnormalities. 7+3  
b) Management of kerion.
5. a) Histopathology of basal cell carcinoma. 6+4  
b) Moh's microscopic surgery.
6. a) Anatomy of eccrine sweat gland. 3+2+5  
b) Enlist disorders related to sweat glands.  
c) Discuss hyperhidrosis.
7. a) Repeated Open Application Test. 2+5+3  
b) Etiopathogenesis of atopic dermatitis.  
c) Types of moisturizers.
8. a) Name hypomelanotic genodermatoses and give brief description. 5+4+1  
b) Melanocyte cell suspension technique in vitiligo.  
c) Name serological markers which determine vitiligo stability.
9. a) Meta-analysis in medical research. 3+2+5  
b) Cross sectional study.  
c) Controlled trials- discuss its types and merits.
10. a) Normal flora of the skin. 4+2+2+2  
b) Importance of skin microbiomes.  
c) Methicillin resistant Staphylococcus aureus.  
d) Enlist dermatoses with sterile pustules.

\*\*\*\*\*