

QP Code: 101105

Reg. No.:.....

**PG Degree Supplementary Examinations in Dermatology,
Venereology & Leprosy (MD) January 2024**

Paper I – Basic Sciences Applied to Dermatology and Recent Advances

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe with suitable diagrams the anatomy and microscopy of eccrine and apocrine glands and mechanism of sweat production. Add a note on its clinical significance.

Short essays:

(8x10=80)

2. Describe the structure of a melanocyte with help of a diagram. Add a note on melanin synthesis
3. Describe the anatomy of hair follicle. Add a note on the techniques for studying hair microanatomy.
4. Discuss the principle and procedure of gram stain
5. Discuss the process of keratinization of skin
6. Discuss role of cytology in dermatology
7. What is antigen mapping. Discuss the clinical conditions where it is useful
8. Trichogram and its applications
9. Describe the structure of a neutrophil and enumerate the neutrophilic dermatoses
