

QP Code: 101105

Reg. No.:.....

**PG Degree Examinations in Dermatology, Venereology & Leprosy
(MD) May 2017**

Paper I – Basic Sciences Applied to Dermatology and Recent Advances

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays:

(20)

1. Describe the ultrastructure of the dermo-epidermal junction with the help of a diagram. Enumerate the sub-epidermal blistering disorders and add a note on the pathogenesis of the most common sub-epidermal blistering disorder.

Short essays:

(8x10=80)

2. Describe type IV hypersensitivity reaction and its role in dermatology
3. Describe the structure of sebaceous gland. Add a note on the composition of sebum
4. Hair cycle and factors affecting hair growth.
5. Describe the structure and function of nail unit
6. Describe the steps of collagen synthesis.
7. What is dermatoglyphics and mention its clinical significance.
8. Describe the structure of apocrine gland and list the disorders associated with it.
9. Describe temperature regulation
