

QP Code: 101105

Reg. No.:.....

**PG Degree Examinations in Dermatology, Venereology & Leprosy
(MD) April 2018**

Paper I – Basic Sciences Applied to Dermatology and Recent Advances

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. What are the factors that influence the skin on exposure to solar UV rays. Discuss the normal cutaneous effects of ultraviolet radiation.

Short essays:

(8x10=80)

2. Hair cycle
3. Ultrasonography in dermatology
4. Hemidesmosomes
5. Mast cells
6. Apocrine glands
7. Cutaneous mosaicism
8. Botulinum toxin
9. Antimicrobial peptides
