

**QP Code:101178**

**Reg. No.:.....**

**P.G. Diploma Regular/Supplementary Examinations in Dermatology,  
Venereology & Leprosy (DDVL) May 2021**

**Paper I – Basic Sciences as 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. Discuss keratinization. Enumerate disorders of keratinization. Write a detailed note on harlequin ichthyosis.

**Short essays: (8x10=80)**

2. Cytokines.
3. Botulinum toxin in dermatology.
4. Secukinumab.
5. Discuss structure of HIV.
6. Immunopathogenesis in leprosy.
7. Biologic skin substitutes.
8. Discuss melanogenesis. Enumerate factors influencing it.
9. Newer drug delivery systems in dermatology.

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