

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

POST GRADUATE DIPLOMA IN D.V.L EXAMINATION- July 2020

PART - I - PAPER - I

**APPLIED BASIC SCIENCES IN DERMATOLOGY, VENEREOLOGY
AND LEPROLOGY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions
Draw suitable diagram wherever necessary

(20 x 5 = 100)

I ANATOMY :

1. Langerhan cell. (4 x 5 = 20)
2. Fibroblast.
3. Innervation of skin.
4. Anatomy of female genitalia.

II.PHYSIOLOGY :

(2 x 5 = 10)

5. Barrier function of skin.
6. Dermographism.

III.BIOCHEMISTRY :

(2 x 5 = 10)

7. Composition sebum.
8. Mechanism of melanin production.

IV. PHARMACOLOGY :

(4 x 5 = 20)

9. Sun protection factor.
10. Commonly used antiretroviral drugs.
11. Calcineur in inhibitors.
12. Principles of topical therapy.

V. PATHOLOGY :

(4 x 5 = 20)

13. Acantholysis.
14. Grenz zone.
15. Pseudo epithelial matous hyperplasre.
16. Giant cell.

VI. MICROBIOLOGY :

(4 x 5 = 20)

17. Pityrosporum ovale.
18. Human papilloma virus.
19. Antinuclear antibody.
20. Cell cytology.