

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

**POST GRADUATE DIPLOMA IN DERMATOLOGY VENEREOLOGY AND
LEPROSY EXAMINATION- May 2019**

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. Melanocyte
2. Blood supply of skin
3. Odland bodies
4. Lymphatic drainage of male genitalia.

II.PHYSIOLOGY :

5. Itch pathway
6. Mechanism of sweating

III.BIOCHEMISTRY :

7. Heme synthesis
8. Prostatic fluid

IV. PHARMACOLOGY :

9. Dapsone
10. Imiquimod
11. Podophylline
12. Protease inhibitors.

V. PATHOLOGY :

13. Special stains in Dermatology
14. Eosinophilia spongiosis
15. Trichilemmal Keratinisation
16. Tuberculoid granuloma

VI. MICROBIOLOGY :

17. Vaginal flora
18. Dermatophytes
19. Ultrastructure of M.Leprae
20. Immunoglobulins in Dermatology.