

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
(A Deemed to be University)

**Time: 180 Minutes**

**Max Marks: 100 Marks**

**Post Graduate Examination January 2025**

**Dermatology Paper I**

**QP CODE: P3161**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**10X10=100**

1. Describe the structure, development and function of apocrine glands
2. Give an account of percutaneous absorption of skin
3. Describe different intradermal tests used in dermatological diagnosis
4. Define trans epidermal elimination. Discuss causes of perforating disorders.
5. Discuss Shape of lesions, Arrangement and Distribution of lesions with one example.  
Enumerate Four cutaneous signs
6. Discuss the aetiology, diagnosis and management of dermatitis perpetuated by cold
7. Discuss the types, Pathophysiology and Clinical features of photo ageing.
8. Describe the clinical features and complications of xeroderma pigmentosa
9. Classify topical anti-fungal drugs. Discuss the mechanism of action, indications, adverse effects and drug interactions of terbinafine
10. Define disinfection. Classify disinfectants. What are the characteristics of an ideal disinfectant.

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**Dermatology Paper II**

**QP CODE: P3162**

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1. Write short notes on a) Principles of patch testing and its interpretations b) Angry back phenomenon c) Reasons for its false positive and false negative reactions
2. Discuss Calciphylaxis. Discuss the clinical features and management of Calcinosis Cutis
3. Discuss the aetiology, clinical features of chediak higashi syndrome.
4. Discuss aetiology, clinical features and management of fox Fordyce disease
5. Discuss nail and hair changes in lichen planus
6. discuss the different types clinical features pathology and management of atrophoderma
7. Write clinical features, investigations and management of zinc deficiency
8. Discuss the investigations and management of generalised pruritus.
9. Classify mastocytoses. Describe clinical features and management of of various types of mastocytoses.
10. Discuss various clinical patterns of tinea capitis with diagnostic methods used b)  
Discuss its management

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**Dermatology Paper III**  
**QP CODE: P3163**

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1. Classify the risk behaviours in STDs. Explain the behavioural patterns in STDs. (6+4)
2. Explain about esthiomene. Mention about its complications (7+3)
3. Describe pathogenesis, clinical features and management of Reiter's disease. (2+ 3+ 5)
4. a) Enumerate the various clinical types of warts with corresponding serotypes of HPV.  
b) Enumerate the long-term complications of genital warts.  
c) Discuss one-way cross reactivity with HPV.  
d) Outline the advantages and disadvantages of using podophyllin and Imiquimod.  
(3+2.5+1.5+3)
5. a) HIV Vaccine. b) Psycho-social issues related to persons living with HIV. (6+4)
6. a) Phenolic glycolipids (PGL-1). b) Polymerase chain reaction in leprosy and its limitations. c) Haematological and serological aspects of leprosy. (3+3+4)
7. Describe the histopathological features of skin in different types of leprosy. (10)
8. a) What is lucio's phenomenon? b) Histopathology of lucio's phenomenon. c) Histopathology of a lesion of indeterminate leprosy. (4+3+3)
9. Discuss the interaction and management of leprosy in a patient of HIV. (10)
10. Describe the deformities of face in leprosy. (10)

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**Dermatology Paper IV**

**QP CODE: P3164**

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**10X10=100**

1. Enumerate the signs in dermatology. (10)
2. Define electrosurgery. Discuss the physics and methods of tissue destruction. Describe the different types of electrosurgery. (1+3+6)
3. Define liposuction. Mention the indications and contraindications of liposuction. Summarise the different methods of liposuction. (2+2+6)
4. Define dermatoscope. Describe its parts, principles and techniques of dermatoscopy. b. Describe the commonly observed dermoscopic patterns. (5+5)
5. Explain the principles of gene therapy. Compare the types of gene therapy. Discuss the applications of gene therapy in skin. (10)
6. Discuss skin as an endocrinal organ. b) Enumerate the influence of various hormones on skin. (5 + 5)
7. What are the cutaneous manifestations of: a) Obesity b) Smoking c) IV drug abuse d) Playing golf (2 + 2 + 4 + 2)
8. Enumerate newer antifungal drugs b) Outline their source and mechanism of actions. c) Briefly mention about their spectrum of activity. (3 + 4 + 3)
9. Write short notes on Mechanism of action and indications of: a) Dutasteride. b) Ustekinumab. (5+5)
10. Cutaneous manifestations of: a) Obesity. b) Chikungunya fever. (5+5)