

Enrollment No.

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**M D-Skin & VD**  
**Paper – I**  
**(Basic Sciences as applied to DVL)**

**[Time: 3:00 Hours]****[Max. Marks: 100]**

**Note: Attempt all questions. Draw well labeled diagrams wherever necessary.**

**1. (Long Essay)**

- (a) Describe the structure of melanocyte. Discuss the steps of melanogenesis. Discuss the role of melanocytes in vitiligo. **[15]**
- (b) Structure of Hair. Discuss hair shaft disorders. **[15]**

**2. (Short Note Essay)**

- (a) Lymphatic drainage of female genitalia. **[10]**
- (b) Enumerate various types of sampling methods in research methodology. **[10]**
- (c) Discuss nerve supply of hand. **[10]**

**3. (Short Notes)**

- (a) Skin Biopsy techniques **[10]**
- (b) Role of Direct Immuno fluorescence in dermatology **[10]**
- (c) UV Radiation and skin **[10]**
- (d) Role of skin as epidermal barrier **[10]**

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**M D-Skin & VD****Paper – II****(Dermatology)****[Time: 3:00 Hours]****[Max. Marks: 100]**

**Note: Attempt all questions. Draw well labeled diagrams wherever necessary.**

**1. (Long Essay)**

- (a) Describe Inducible Urticarias and their management. [15]
- (b) Classify vascular tumors. Discuss infantile hemangioma and its management in detail. [15]

**2. (Short Note Essay)**

- (a) Approach to a patient of Hirsutism [10]
- (b) Premalignant skin conditions [10]
- (c) Management of palmoplantar keratoderma [10]

**3. (Short Notes)**

- (a) Pityriasis rubra pilaris [10]
- (b) Adalimumab [10]
- (c) Topical corticosteroid therapy [10]
- (d) Nail changes in Psoriasis [10]

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[illegible]

## M D-Skin & VD

### Paper – III

**(Venereology & Leprosy)**

**[Time: 3:00 Hours]**

**[Max. Marks: 100]**

**Note: Attempt all questions. Draw well labeled diagrams wherever necessary.**

### 1. (Long Essay)

- (a) **Classify Leprosy. Describe systemic involvement in leprosy. [15]**
- (b) **Describe the aetiology, clinical picture, diagnosis and management of disseminated gonococcal infection and its complications. [15]**

## 2. (Short Note Essay)

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|--------------------------------------------|-------------|
| (a) Deformities in leprosy                 | <b>[10]</b> |
| (b) Cranial nerve involvement in leprosy   | <b>[10]</b> |
| (c) Counselling in a suspected case of HIV | <b>[10]</b> |

### 3. (Short Notes)

- (a) Stigmata of congenital syphilis [10]
- (b) Role of vaginal microflora in STDs [10]
- (c) Pruritic papular eruptions in HIV patients [10]
- (d) HIV and Tuberculosis [10]

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## University Examination

## MD DERMATOLOGY

## Paper –IV

Paper Code: MD-134

(Recent advanced in.....medicine and skin)

[Time: 3:00 Hours ]

[Max. Marks: 100]

Note: Attempt all questions. Draw well-labeled diagrams wherever necessary.

1. (Long Essay) [2 x 15 = 30]
  - A. Phototherapy in dermatology – indications, mechanism, and types
  - B. Platelet-rich plasma therapy in dermatology – methods of preparation and traditional as well as emerging indications
2. (Short Note Essay) [3 x 10 = 30]
  - A. JAK-STAT pathway inhibitors – current status in dermatology
  - B. Update on vitiligo surgical treatments
  - C. Role of teledermatology in rural India
3. (Short Notes) [4 x 10 =40]
  - A. LASERs for Hair reduction
  - B. Dermoscopy in pigmentary disorders
  - C. Artificial intelligence and digital tools in dermatologic diagnosis
  - D. Microneedling

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