

POST GRADUATE EXAMINATION, APRIL/MAY-2022

**MD DERMATOLOGY, VENEREOLOGY & LEPROSY
(PAPER ONE)**

BASIC SCIENCES IN RELATION TO SPECIALITY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Enumerate the morbidities caused due to bacterial toxins and discuss their treatment. **(20)**

Q. 2. Describe effects of ultraviolet radiations on skin and their implications. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Prenatal diagnostic techniques
- b. Skin as an organ of thermoregulation
- c. Porphyrin haem biosynthetic pathway

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Monoclonal antibodies
- b. TNF alpha
- c. Langerhans cell
- d. Acantholysis
- e. Trichogram

X

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**MD DERMATOLOGY, VENEREOLOGY & LEPROSY
(PAPER TWO)**

PRINCIPLES OF DERMATOLOGY, DIAGNOSIS AND THERAPEUTICS

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Classify cutaneous tuberculosis and discuss its management. (20)

Q. 2. Define pulse therapy in dermatology. Discuss DCP therapy in pemphigus. (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Phytophotodermatitis
- b. Chronic spontaneous urticaria
- c. Itch pathway

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Capillary hemangioma
- b. Secondary ichthyosis
- c. Acne fulminans
- d. Actinic cheilitis
- e. Pseudoxanthoma elasticum

X

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**MD DERMATOLOGY, VENERELOGY & LEPROSY
(PAPER THREE)**

LEPROSY, STDs, HIV AND DERMATOHISTOPATHOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Define Lepra reaction. Discuss pathogenesis, manifestations and management of Type 2 lepra reaction. **(20)**

Q. 2. Discuss the approach, clinical possibilities, investigations and management of genital ulcer in male with a history of contact with an unknown partner 30 days back. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Serological tests for syphilis
- b. Joint involvement in STDs
- c. Claw hand in leprosy and its management

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Urine examination in STDs
- b. Oral hairy leukoplakia
- c. Animal models in leprosy
- d. Ocular changes in leprosy
- e. Thalidomide

X

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**MD DERMATOLOGY, VENEREOLOGY & LEPROSY
(PAPER FOUR)**

**DERMATOLOGY IN INTERNAL MEDICINE INCLUDING APPLIED CLINICAL
ASPECTS, THERAPEUTICS AND RECENT ADVANCES**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss cutaneous manifestations in internal malignancies. **(20)**

Q. 2. Discuss biological agents in dermatology. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Topical antibacterial agents
- b. Metabolic syndrome and skin
- c. Peels in dermatology

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Laser in pigmentary skin lesions
- b. Kawasaki disease
- c. Sunscreens
- d. NB UVB therapy
- e. Cosmetic camouflage

X