

September-2007

[KR 159]

Sub. Code : 2055

M.D. DEGREE EXAMINATION.

**Branch XII A — DERMATOLOGY, VENEREOLOGY
AND LEPROSY**

Paper — I

Candidates admitted from 2004–05 onwards

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

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
twenty minutes**

Theory : 60 marks

M.C.Q. : Forty minutes

M.C.Q. : 40 marks

Answer any TWO questions in each subject.

Draw suitable diagrams wherever necessary.

ANATOMY

(2 × 5 = 10)

- (1) Cutaneous microvasculature**
- (2) Mast cells of skin**
- (3) Collagen fibres of dermis.**

PHYSIOLOGY

(2 × 5 = 10)

- (1) Functions of macrophages
- (2) Cyclical phases of hair growth
- (3) Barrier functions of skin.

BIOCHEMISTRY

(2 × 5 = 10)

- (1) Biochemical mediators of inflammation
- (2) Keratin
- (3) Immunoglobulin G (IgG)

PHARMACOLOGY

(2 × 5 = 10)

- (1) HAART
- (2) Dapsone
- (3) Ivermectin.

MICROBIOLOGY

(2 × 5 = 10)

- (1) Classification of fungi
- (2) Type III hypersensitivity reaction
- (3) Herpes group of viruses.

PATHOLOGY

(2 × 5 = 10)

- (1) Pathogenesis of pemphigus vulgaris
 - (2) HP of lichen planus
 - (3) Giant cells.
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