

DERMATOLOGY, VENEREOLOGY & LEPROSY

PAPER – I

DVD/APRIL/16/06/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. a) Shape of lesions with one example each. 2+2+2+4
b) Arrangement of lesions with one example each.
c) Distribution of lesions with one example each.
d) Four cutaneous signs.

2. a) Microanatomy of nail 3+4+3
b) Physiology of nail
c) Draw labeled diagram of nail

3. a) Special techniques in processing of biopsy specimen. 4+4+2
b) Utility of special techniques in arriving at diagnosis in hair disorders.
c) Cutaneous deposits.

4. a) Describe methods for measuring sebaceous activity and sebum production. 4+6
b) Enumerate various hormones affecting sebum secretion.

5. a) What is human genome? 3+7
b) Important Mendelian disorders of skin with pedigree charting.

6. a) Mechanisms of autoimmune blistering diseases. 5+5
b) Outline the pathogenesis of systemic sclerosis.

7. a) Name various topical and intralesional cytotoxic agents. 4+6
b) Give various indications of their use in dermatology.

8. a) Expression pattern of keratin genes. 4+3+3
b) Keratin gene associated diseases.
c) List diseases resulting from disruption of dermasomal protein.

P.T.O.

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9. a) Name the lymphocytes in adaptive immune response. 2+4+4
b) Classify types of T-Lymphocytes.
c) Enlist the various immunohistochemical markers for T-lymphocytes.
10. a) Give a brief outline of oncogenes, 2+2+2+4
b) Tumor suppressor genes,
c) Viral carcinogenesis &
d) Name various chemicals involved in carcinogenesis.
