

DERMATOLOGY, VENEREOLOGY & LEPROSY

PAPER-I

DVD/J/18/06/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:

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| 1. | a) Draw a labelled diagram of a melanocyte.
b) Process of melanogenesis
c) Role of melanocytes in pathogenesis of vitiligo.
d) Syndromes associated with vitiligo. | 2+4+2+2 |
| 2. | a) Draw neat and labelled diagram of dermoepidermal junction.
b) Technique of antigen mapping.
c) Importance of antigen mapping in epidermolysis bullosa. | 5+2+3 |
| 3. | a) Techniques of prenatal diagnosis in Dermatology.
b) Tabulate the genodermatoses in which prenatal diagnoses can be done along with technique used.
c) Gene therapy in genodermatoses. | 3+3+4 |
| 4. | a) Anatomy of apocrine sweat gland.
b) Tabulate how apocrine and eccrine sweat glands differ.
c) Evaluation a patient with hypohidrosis.
d) Von-Frey syndrome. | 2+2+4+2 |
| 5. | a) Importance of Keratin 4 & 14 in Dermatology.
b) Importance of immunoblot testing in Vesiculo Bullous Dermatoses. | 5+5 |
| 6. | a) Importance of skin microbiomes in health.
b) Diseases caused by normal flora of skin.
c) Importance of vaginal microflora. | 4+2+4 |
| 7. | a) Lines of Blascho & Blaschitis
b) Mosaicism
c) Disorders which occur along the Blascho lines. | 3+3+4 |
| 8. | a) Type of clinical studies.
b) Good clinical practices. | 5+5 |
| 9. | a) Principles of topical therapy.
b) Nanotechnology | 6+4 |
| 10. | a) Special stains in Dermatology.
b) Anti-microbial peptides. | 6+4 |
