

**DERMATOLOGY, VENEROLOGY & LEPROSY**

PAPER – IV

DVD/J/17/06/IV

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. Mechanism of action and indications of: 5+5
  - a) Dutasteride.
  - b) Ustekinumab.
2. Cutaneous manifestations of: 5+5
  - a) Obesity.
  - b) Chikungunya fever.
3.
  - a) Janus kinase inhibitors. 5+5
  - b) Nanotechnology.
4. Use of the following drugs in dermatology: 3+3+4
  - a) Apremilast.
  - b) Sirolimus.
  - c) Hydroxyl chloroquine.
5.
  - a) Sports dermatology. 5+5
  - b) Complications of tattooing.
6. Role of: 5+2+3
  - a) Lasers in treatment of vitiligo.
  - b) Role of diet in acne.
  - c) Threads for facial aging.
7.
  - a) Indications and contraindications of chemical peels in facial melanosis. 5+5
  - b) Management of acne scars.
8. Monitoring of a patient on: 5+5
  - a) Methotrexate.
  - b) Cyclosporine.
9. Dermatological indications and contraindications of: 5+5
  - a) Thalidomide.
  - b) Azathioprine.
10.
  - a) Chronic and relapsing dermatophytosis: Management issues. 6+4
  - b) Newer anti-parasitic drugs.

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