

DERMATOLOGY AND VENEROLOGY

PAPER -III

DVD/J/13/06/III

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.  
Each question carries 10 marks.

1. Discuss oncogenesis in skin under the following headings: 3+3+4
  - a. Genetic factors.
  - b. Infectious agents.
  - c. Environmental factors.
  
2. A 45 year old house wife needs to be prescribed daily oral corticosteroids for a long period of time. 3+3+4
  - a. What instructions would you give to such a patient?
  - b. How would you monitor such a patient?
  - c. What additional medications would you prescribe to her to reduce the side effects of steroid therapy?
  
3. A 6 year old patient presents with recurrent pyodermas, candidiasis, chest infections and otitis media. How will you evaluate such a patient in: 7+3
  - a. Resource rich settings.
  - b. Resource limited settings.
  
4. Discuss the evaluation and management of extracutaneous manifestations of pseudoxanthoma elasticum in: 4+3+3
  - a. Eye.
  - b. Cardiovascular system.
  - c. Gastrointestinal system.
  
5. How will you manage the following: 2+4+2+2
  - a. Calcinosis cutis in systemic sclerosis.
  - b. Arthritis of psoriasis.
  - c. Itching of hepatic disease.
  - d. Itching of renal disease.
  
6. In a patient who is diabetic, discuss the skin lesions which can occur on: 2+4+2+2
  - a. Genitalia.
  - b. Legs.
  - c. Oral mucosa.
  - d. Trunk.

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7. a. Enumerate co-morbidities in psoriasis. 2+4+4  
b. Discuss the evaluation of metabolic syndrome in a patient of psoriasis.  
c. Outline management issues in such patients.
8. a. Enumerate dermatological manifestations of protein energy 3+3+4  
malnutrition.  
b. Discuss role of zinc in dermatology.  
c. Discuss briefly causes of reactive arthritis.
9. In a patient who presents with the following conditions, what relevant 2+2+4+2  
investigations would you do and when:  
a. Portwine stain on the face.  
b. Verrucous hemangioma on the leg.  
c. Hairy tuft on the lumbosacral area.  
d. Cutaneous horn.
10. In a 26 year old female who presents with increased facial hair: 3+2+2+3  
a. Discuss the points of relevance of a good history.  
b. What clinical evaluation will you do on her?  
c. Enumerate the relevant investigations.  
d. What are the Lasers available for such a patients?

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