1. Discuss oncogenesis in skin under the following headings:
   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.
   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:
   b. Resource limited settings.

4. Discuss the evaluation and management of extracutaneous manifestations of pseudoxanthoma elasticum in:
   a. Eye.
   b. Cardiovascular system.
   c. Gastrointestinal system.

5. How will you manage the following:
   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:
   a. Genitalia.
   b. Legs.
   c. Oral mucosa.
   d. Trunk.
7. a. Enumerate co-morbidities in psoriasis.  
    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 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 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:  
    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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