

DERMATOLOGY AND VENEROLOGY

PAPER -II

DVD/J/13/06/II

Time : 3 hours

Max. Marks : 100

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

1. a. In a flow chart, mention the steps of heme synthesis with the enzymes involved. 2
b. Tabulate differences between congenital erythropoietic porphyria and erythropoietic protoporphyria under the following heads: 5+1+1+1
 - i. Clinical,
 - ii. Urine,
 - iii. Blood &
 - iv. Stool
2. Discuss the management of an 8 month old child with scabies under the following headings: 2+2+2+2+2
 - a. Counseling to parents.
 - b. Write the prescription for treatment of the child.
 - c. Instructions for using the medications.
 - d. Management of family members.
 - e. Treatment of complications.
3. a. Discuss briefly the etiopathogenesis of acne. 4+2+4
b. What are the types of acne scars?
c. Outline management of acne scars.
4. In a patient with 6 café au lait macules, 4+4+2
 - a. What other cutaneous markers would you look for and describe them?
 - b. What are the systemic associations commonly seen?
 - c. What investigations are recommended for such patients?
5. An 18 year old patient who is on dilantin and antitubercular treatment for a cranial tuberculoma presents with toxic epidermal necrolysis. He is getting convulsions. Discuss the management of this patient using the following guidelines: 2+2+4+2
 - a. Monitoring of such patients.
 - b. Complications to be looked out for.
 - c. Drugs to be given and not to be given.
 - d. Newer therapeutic options.
6. How would you approach a patient with suspected collagen vascular disease? Discuss this under the following heading: 3+3+4
 - a. History.
 - b. Examination clues.
 - c. Investigations.

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7. A 23 year old patient presents with a 9 month history of erythema, papules and pustules and telangiectasia on the face. She had been asked to use topical steroids by her beautician, but every time she stops using them, the lesions flare up: 2+2+2+4
- a. What are the differential diagnoses in this patient?
 - b. What is the skin biopsy taken from a papule likely to show?
 - c. How will you counsel her?
 - d. How will you treat her?
8. A 62 year old patient presents with multiple tense bullae on the trunk for last 11 months. He also has oral bullae. 2+8
- a. Enumerate the bedside investigations you will perform on the patient.
 - b. Discuss the immunological tests which you will perform on the patient's skin and serum.
9. 4+2+4
- a. Write indications of ciclosporin in dermatology.
 - b. What are the adverse effects of ciclosporin?
 - c. Discuss the dosing and outline the monitoring in a patient on ciclosporin.
10. 3+2+2+3
- a. Describe various causes of white oral lesions.
 - b. Enumerate clinical variants of oral lichen planus.
 - c. Write histological findings in oral lichen planus.
 - d. Discuss treatment options for oral lichen planus.
