

IAS Mains Medical Sciences 2004

Paper-II

Section A

(General Medicine, Paediatrics and Dermatology)

1. Write as desired on any three of the following: (20 × 3 = 60)
 - a. Enumerate the complications encountered in a case of typhoid fever, enlist the dosage and duration of antimicrobials used for typhoid.
 - b. Enlist the respiratory diseases associated with clubbing. How will you establish the diagnosis of bronchogenic carcinoma?
 - c. Mention the physical findings of rheumatic mitral stenosis in a 10 yr old child.
 - d. Describe the characteristic features of various types of pemphigus.
2. Answer the following questions
 - a. Discuss the differential diagnosis of acute flaccid quadriplegia in a 30 yr old male (20).
 - b. Discuss the causes of soft and tender hepatomegaly in an adult (20).
 - c. Describe the laboratory diagnosis of malaria (20).
3. Classify haemolytic anaemias; discuss the laboratory diagnosis of haemolytic anaemias; describe the treatment of β -Thalassemia (60).
4. Answer the following questions
 - a. Discuss in brief, the clinical features and management of frost bite and chilblains (30).
 - b. Describe the clinical manifestations and treatment of scabies (30).

Section B

(General surgery, obstetrics and gynaecology including family planning and preventive and social medicine)

5. Write short notes on any 3 of the following: (20 × 3 = 60)
 - a. Management of a 65 yr old diabetic patient with recurrent inguinal hernia.
 - b. Investigative work-up in a 50 yr old lady with pathological fracture of shaft of femur.
 - c. Discuss the provisions and scope of M. T. R Act of 1971.
 - d. Exogenous factors in post-neonatal mortality.
6. Answer the following questions
 - a. Discuss the management of a 35 yr old man with dry gangrene of big toe (30).
 - b. Discuss the emergency management of bleeding esophageal varices in a 12 yr old child (30).
7. Answer the following questions

- a. How will you manage a case of severe preeclampsia in a primigravida at 34 weeks of pregnancy (40)?
 - b. Discuss the investigations and management of a case of tubal factor infertility (20).
8. List the components of the revised national tuberculosis control programme . How is tuberculin test interpreted ? Analyse the reasons for high defaulter rates in the treatment of pulmonary tuberculosis (60).