

IAS Mains Medical Science 1997

Paper II

1. Write short notes on any three of the following (each in about 200 words): ($3 \times 20 = 60$)
 - a. Enumerate signs of primary thyrotoxicosis.
 - b. Discuss severe Acute Asthma.
 - c. Post Partum sterilization.
 - d. Discuss various modes of transmission of HIV/AIDS prevalent in India.

Section A

General Medicine

1. Enumerate the different clinical presentations of Acute Myocardial Infarction. How will you manage cardiogenic shock (60)?
2. Answer the following questions
 - a. Describe the laboratory parameters for arriving to the etiology of Viral Hepatitis (20).
 - b. Describe Sideroblastic Anaemia (20).
 - c. Write what you know about Tropical Sprue (20).

Section B

General Surgery

1. What are the causes of Portal Hypertension? Outline the current management of bleeding oesophageal varices (60).
2. Answer the following questions
 - a. Describe the pathogenesis of varicose ulcer (20).
 - b. Discuss treatment of a child with Wilm's Tumour (20).
 - c. Discuss the pathogenesis and clinical manifestations of Tubercular cervical lymphadenitis (20).

Section C

Obstetric and Gynecology including Family Planning

1. Discuss the etiology, clinical features and management of Stage I Carcinoma of Cervix (60).
2. Answer the following questions
 - a. Discuss the indications and complications of outlet forcep application (20).
 - b. How will you assess the fallopian tube status in an infertile woman (20)?
 - c. Describe the methods of antenatal foetal monitoring (20).

Section D

Preventive and Social Medicine

1. Enumerate various causes of Blindness in India. Discuss briefly National Programme for Prevention of Blindness and Visual Impairment (60).
2. Answer the following questions
 - a. Define Epidemiology. Discuss the uses of Epidemiology in Community Medicine (20).
 - b. Describe in detail Target Free Approach in Indian Family Welfare Programme (20).
 - c. Plan a diet for 3-year old normal male child prescribing the amount of various food-stuffs including the quantity of proteins and calories available in them (20).