

MEDICAL SCIENCE
(Paper II)

Time Allowed : Three Hours

Maximum Marks : 300

QUESTION PAPER SPECIFIC INSTRUCTIONS

(Please read each of the following instructions carefully before attempting questions)

Question No. 1 is compulsory.

Candidate has to attempt FIVE questions in all, selecting the remaining questions from the Sections that follow, as directed in the paper.

The number of marks carried by a question/part is indicated against it.

Wherever any assumptions are made for answering a question, they must be clearly indicated.

Word limit in questions, wherever specified, should be adhered to.

SECTION 'A'

1. Write short notes on any three of the following (each in about 200 words): **3×20=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.
2. Enumerate the different clinical presentations of Acute Myocardial Infarction. How will you manage cardiogenic shock? **60**
3. (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'

4. What are the causes of Portal Hypertension? Outline the current management of bleeding oesophageal varices. **60**
5. (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'

6. Discuss the etiology, clinical features and management of Stage I Carcinoma of Cervix. **60**
7. (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'

8. Enumerate various causes of Blindness in India. Discuss briefly National Programme for Prevention of Blindness and Visual Impairment. **60**
9. (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