

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)

There are EIGHT questions divided in two Sections.

Candidate has to attempt FIVE questions in all.

Question Nos. 1 and 5 are compulsory and out of the remaining, any THREE are to be attempted choosing at least ONE question from each Section.

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 as desired on any three of the following: **3×20=60**
- (a) Outline drug treatment (name, dose, toxicity) of HIV infection.
- (b) Enumerate causes of stroke in a 35 year old person. Enlist various investigations to elucidate the cause.
- (c) Mention clinical features of tubercular meningitis in a 6 year old child. List the names of the investigations.
- (d) Describe various lesions of post kala-azar dermal leishmaniasis. Name the drugs to treat the condition.
2. A 30 year old alcoholic male has come to casualty with haematemesis. Discuss the differential diagnosis, list of investigations and management of such a case. **60**
3. A 10 year old girl child has developed general anasarca, cola coloured urine and blood pressure of 240/120 mm of Hg. Give differential diagnosis; mention names of investigations and give an outline of management of this patient. **60**
4. (a) Discuss causes and treatment of common urticarias. **30**
- (b) Mention various systematic symptoms and signs of progressive systemic sclerosis (PSS). What are the diagnostic tests to confirm the PSS? **30**

SECTION 'B'

5. Write short notes on any three of the following: **20×3=60**
- (a) Choledochal cyst, types and management.
- (b) Complications of supracondylar fracture of humerus
- (c) Copper T
- (d) Immunization schedule upto 18 months of a child as per Government of India guidelines
6. A 20 year old male presents with painful progressive swelling in the right groin. Enumerate the causes. Describe the management of strangulated indirect inguinal hernia. **60**
7. Enumerate the screening procedures for early detection of Ca-cervix. Discuss the Papanicolaou test (PAP) test. **60**

8. Name diseases which have been eradicated in India after Independence. Discuss various epidemiological factors which help in eradication of a communicable disease.

60