

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) Dementia
- (b) Define Hematemesis Enumerate the causes of Hematemesis.
- (c) How will you diagnose and treat leucorrhea due to gonococcus and trichomonas infection?
- (d) Discuss the concept of social security.
2. Discuss Acute Stroke and the principles of its management. **60**
3. (a) Describe the symptoms and signs in Diabetic Autonomic Neuropathy. **20**
- (b) Describe Bundle Branch Block. **20**
- (c) Describe various laboratory methods used for the diagnosis of Pulmonary Tuberculosis. **20**

SECTION 'B'

4. Classify Lymphedema. What are the causes of Lymphedema? Give management of a case of Lymphedema due to Filariasis of leg. **60**
5. (a) Discuss complications of Inguinal Hernia. **20**
- (b) What is Pseudocyst of the Pancreas? Describe its management. **20**
- (c) Enumerate various methods of treatment of kidney stones. **20**

SECTION 'C'

6. What is the etiology of high risk pregnancy? How will you diagnose and manage a multigravida with I.U.G.R. at 30 weeks of amenorrhea? **60**
7. (a) What are the different methods of female sterilization? Describe the procedure of minilap sterilization. **20**
- (b) How will you manage the third stage of labour? **20**
- (c) Enumerate the advantages of vacuum extractor over out-let forceps. **20**

SECTION 'D'

8. Enumerate the various National Control Programmes against communicable diseases in India. Describe briefly the National Leprosy Control Programme. **60**

- 9.** Write short notes on:
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| (a) | Management of class III dog bite in an adult | 20 |
| (b) | Prevention and control of Rheumatic Fever | 20 |
| (c) | Components and uses of Health Information System | 20 |