

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:
 - (a) Etiology and clinical features of Lobar Pneumonia 20
 - (b) Buerger's disease 20
 - (c) Manual removal of placenta 20
 - (d) The indicators of maternal & child health services 20
2. Discuss the etiology, clinical features, investigations and drug treatment of Duodenal Ulcer. 60
3. (a) Discuss the clinical features and management of a case of Fallot's Tetralogy. 20
(b) Discuss the drug treatment of Essential Hypertension. 20
(c) Describe the clinical features and management of T.B. Meningitis. 20

SECTION 'B'

4. Discuss the clinical features, diagnosis and treatment of fracture of bones. 60
5. (a) Enumerate the various methods for the treatment of Renal stones. 20
(b) Enumerate the various complications of peptic ulcer. 20
(c) Enumerate the various etiological factors of oral cancer. 20

SECTION 'C'

6. List the risk factors for ectopic pregnancy. How will you manage a 25-year old woman with ruptured tubal pregnancy? 60
7. (a) Enumerate the causes of postmenopausal bleeding and discuss briefly the management of any one of them. 20
(b) What are the common causes of Breech Presentation? Write down the contradiction to external cephalic version. 20
(c) Enumerate different methods of contraception and mention the complications of oral contraceptive pills. 20

SECTION 'D'

8. Describe the natural history of Poliomyelitis. How will you apply the knowledge of levels of prevention for the eradication of poliomyelitis? 60

9. (a) Describe the Modified Plan of Operation to control Malaria in an area with API more than 2. 20
- (b) A 30-year old man has been bitten by a stray dog on his arm. How will you manage the case? 20
- (c) Describe the steps of chlorination of a well. 20