

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) Discuss the causes of convulsion in a middle aged man.
- (b) What are the common causes of enlargement of cervical lymph nodes? How will you treat a case of tubercular cervical lymphadenitis?
- (c) Discuss the methods of detection of ovulation in an infertile woman.
- (d) Discuss the nature and magnitude of the HIV/AIDS problem in India.
2. Discuss the etiology, clinical features, complications and management of Hypertension. **60**
3. (a) Discuss the causes of huge splenomegaly in our country. **20**
- (b) Discuss the causes of haemoptysis. **20**
- (c) How will you investigate a case of Acute Glomerulonephritis? **20**

SECTION 'B'

4. Describe the clinical features of Amoebic abscess liver and its management. **60**
5. (a) How will you treat a case of strangulated inguinal Hernia in a middle aged man? **20**
- (b) What is an abscess? Describe the method of draining a deep abscess by Hilton's method. **20**
- (c) What is Courvoisier's Law? What is its fallacy? How will you manage a case of obstructive jaundice due to CA Head pancreas? **20**

SECTION 'C'

6. A primigravida complains of vaginal bleeding at 34 weeks of pregnancy. What are the causes? How will you differentiate between placenta previa and revealed variety of Abruptio placenta? **60**
7. (a) Discuss the common types of intrauterine contraceptive devices. **20**
- (b) Discuss the different methods available for early detection of female genital tract malignancy. **20**
- (c) How will you diagnose and treat monilial vaginitis? **20**

SECTION 'D'

8. Enumerate the water borne viral infections. Outline the steps you would follow to investigate an epidemic of jaundice in an urban slum area. **60**
9. (a) What are the measures used to evaluate a “screening test”? **20**
- (b) Describe briefly the ‘stages’ in the demographic cycle. What are the factors contributing to high fertility in India? **20**
- (c) Briefly describe the steps to eliminate Neonatal Tetanus in India. **20**