

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: **20×3=60**
- (a) Enumerate the complications encountered in a case of typhoid fever, enlist the dosage and duration of antimicrobials used for typhoid.
- (b) Enlist the respiratory diseases associated with clubbing. How will you establish the diagnosis of bronchogenic carcinoma?
- (c) Mention the physical findings of rheumatic mitral stenosis in a 10 yr old child.
- (d) Describe the characteristic features of various types of pemphigus.
2. (a) Discuss the differential diagnosis of acute flaccid quadriplegia in a 30 yr old male. **20**
- (b) Discuss the causes of soft and tender hepatomegaly in an adult. **20**
- (c) Describe the laboratory diagnosis of malaria. **20**
3. Classify haemolytic anaemias; discuss the laboratory diagnosis of haemolytic anaemias; describe the treatment of β -Thalassemia. **60**
4. (a) Discuss in brief, the clinical features and management of frost bite and chilblains. **30**
- (b) Describe the clinical manifestations and treatment of scabies. **30**

SECTION 'B'

5. Write short notes on any 3 of the following: **20×3=60**
- (a) Management of a 65 yr old diabetic patient with recurrent inguinal hernia.
- (b) Investigative work-up in a 50 yr old lady with pathological fracture of shaft of femur.
- (c) Discuss the provisions and scope of M.T.P. Act of 1971.
- (d) Exogenous factors in post-neonatal mortality.
6. (a) Discuss the management of a 35 yr old man with dry gangrene of big toe. **30**
- (b) Discuss the emergency management of bleeding esophageal varices in a 12 yr old child. **30**
7. (a) How will you manage a case of severe preeclampsia in a primigravida at 34 weeks of pregnancy? **40**
- (b) Discuss the investigations and management of a case of tubal factor infertility. **20**

8. List the components of the revised national tuberculosis control programme. How is tuberculin test interpreted? Analyse the reasons for high defaulter rates in the treatment of pulmonary tuberculosis.

60