

**GENERAL MEDICINE**  
**PAPER-IV**

TIME: 3 HOURS

MED/J/19/11/IV

MAX. MARKS: 100

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part "A" and part "B", each part containing 5 questions.
- Answers to questions of part A and part B are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets of Part A and Part B are not to be tagged together.
- Part A and Part B should be mentioned only on the covering page of the respective answer sheets.
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

**Write Short notes on:**

**PART A**

1. a) Clinical features of atypical pneumonia. 3+3+(2+2)  
b) Pneumonia severity index.  
c) Indications and complications of extra-corporeal membrane oxygenation.
2. a) Echocardiographic findings of pulmonary embolism. 2+3+5  
b) Diagnosis of heparin induced thrombocytopenia.  
c) Newer oral anticoagulants.
3. a) Indications of plasmapheresis and its complications. (3+2)+(2+3)  
b) Indications and adverse effects of blood transfusion.
4. a) Transmission and diagnosis of HIV infection. (3+2)+5  
b) National guidelines for anti-retroviral therapy.
5. a) Newer diagnostic techniques in tuberculosis. 3+(2+5)  
b) Diagnosis and treatment of drug resistant tuberculosis.

**P.T.O.**

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**Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

- |     |   |         |
|-----|---|---------|
| 6.  | a) Biology of aging.  | 5+5     |
|     | b) Common neurological problems in the elderly.             |         |
| 7.  | a) Clinical features and diagnosis of rheumatoid arthritis. | (3+3)+4 |
|     | b) Use of biologicals in treatment of rheumatoid arthritis. |         |
| 8.  | a) Enumerate causes of secondary hypertension.              | 3+(3+4) |
|     | b) Diagnosis and management of renal artery stenosis.       |         |
| 9.  | a) Etiology and clinical features of tachyarrhythmias.      | (3+2)+5 |
|     | b) Device therapy for treatment of cardiac arrhythmias.     |         |
| 10. | a) Health aspects of International travel.                  | 5+5     |
|     | b) Immunization in adults.                                  |         |

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