

GENERAL MEDICINE

PAPER-IV

TIME: 3 HOURS
MAX. MARKS: 100

MED/D/20/11/IV

IMPORTANT INSTRUCTIONS

- **You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.**
- **This question paper consists of 10 short note questions. Question paper is divided into 5 Parts - A, B, C, D and E, each part containing 2 questions.**
- **Answers to questions of part A, part B, part C, part D & part E are to be strictly attempted in a separate answer sheet booklet which must be later tagged together at the end of the exam.**
- **No additional supplementary answer sheet booklet will be provided.**
- **Answers to question(s) attempted on an answer sheet booklet for a different part will not be evaluated.**
- **Part A/Part B /Part C/Part D/Part E should be mentioned on the covering page of the respective answer sheet booklet.**
- 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.

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PART-A

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Write Short notes on:

PART-A

1. a) Revised Duckett-Jones criteria for acute rheumatic fever. 5+5
b) Infections in post-splenectomy patients.
2. a) Gompertzian growth in tumours. 4+6
b) Lactic acidosis.

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PART-B

IMPORTANT INSTRUCTIONS

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Write Short notes on:

PART-B

3. a) Draw a labeled structure of the severe acute respiratory syndrome coronavirus-2. 6+4
b) ECG changes in acute pericarditis.
4. a) Cardio-renal syndrome. 5+5
b) Secretory diarrhea.

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PART-C

IMPORTANT INSTRUCTIONS

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Write Short notes on:

PART-C

5. a) Haemoglobin with altered oxygen affinity. 5+5
b) Bedaquiline.
6. a) What are the principles of radiation therapy in malignancy? 5+5
b) Genotype-based treatment of HCV infection.

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PART-D

IMPORTANT INSTRUCTIONS

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Write Short notes on:

PART-D

- | | | |
|----|---|-----|
| 7. | a) HIV drug resistance. | 6+4 |
| | b) West Haven classification of Hepatic Encephalopathy. | |
| 8. | a) List the potential complications of gene therapy. | 5+5 |
| | b) Falls in the elderly. | |

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PART-E

IMPORTANT INSTRUCTIONS

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- **Answers to question(s) attempted on an answer sheet booklet for a different part will not be evaluated.**
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Write Short notes on:

PART-E

- | | | |
|-----|--|-----|
| 9. | a) Treatment of pre-eclampsia. | 5+5 |
| | b) Tocilizumab. | |
| 10. | a) List the various presentations of Telomere disease. | 5+5 |
| | b) Classify pulmonary hypertension. | |
