

GENERAL MEDICINE

PAPER –IV

GM/J/13/11/IV

Time : 3 hours  
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 questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.
- Answer sheet(s) 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 sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

PART A

1. Classify antiretroviral drugs. Discuss the indications of antiretroviral treatment (ART) and monitoring of patients on ART. 4+(3+3)
2. What are nucleic acid based tests? Discuss the advantages and disadvantages of cartridge based nucleic acid tests in the diagnosis of tuberculosis. 2+(4+4)
3. Describe the metabolism of hemoglobin in the body. Discuss the clinical features of hemolytic anemias. 5+5
4. Describe a case control study. What are the advantages and disadvantages of case control studies? 4+(3+3)
5. Describe the role of resident bacterial flora in the human body. Discuss the indications of use of probiotics. 5+5

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