

CARDIOLOGY
PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

CARD/D/19/05/I

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

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| 1. | a) Embryology of endocardial cushion defect.
b) Pressure volume curve and its derivatives. | 5+5 |
| 2. | Dynamic auscultation and its use in clinical Cardiology. | 10 |
| 3. | a) Noninferiority trial design.
b) Z score. | 5+5 |
| 4. | a) Current Universal definition of myocardial infarction.
b) Describe the pathophysiology of atrial fibrillation in rheumatic heart disease. | 5+5 |
| 5. | Hemodynamic changes during pregnancy. | 10 |

P.T.O