

CARDIOLOGY

PAPER-III

Time: 3 hours
Max. Marks:100

CARD/J/19/05/III

Important Instructions:

- 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:

- a) Denervation therapy in the treatment of cardiac diseases. 5+5
 - b) Refractory angina: Definition and treatment modalities.
- a) Triple therapy in patients of AF presenting with ACS: Scientific basis and current recommendation 5+5
 - b) Application of MRI to various cardiac disorders.
- a) Cardiac implantable electrical devices infections. 5+5
 - b) Pacemaker trouble shooting.
- a) Interventions for smoking cessation. 5+5
 - b) Epidemiology of rheumatic heart disease in India.
- a) Surgery for tricuspid valve diseases. 5+5
 - b) Graft rejection after cardiac transplant: Types and treatment.
- a) Innovations and controversies in the treatment of stable ischemic heart disease. 5+5
 - b) Current status of non-statin hypo-lipidemic drugs
- a) PARTNER -3 trial 5+5
 - b) PIONEER-HF trial
- a) Implantable devices to monitor heart failure. 5+5
 - b) Current indications of Trans Catheter Aortic Valve Replacement (TAVR).
- a) Drug regimen of choice of primary prevention and secondary prevention of rheumatic fever. 5+5
 - b) Recent advances in the treatment of pulmonary artery hypertension.
- a) Cardiovascular effects of air pollution. 5+5
 - b) Exercise based comprehensive cardiac rehabilitation.
