

CARDIOLOGY

PAPER – I

CARD/D/16/05/I

Time : 3 hours

Max. Marks : 100

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:

1. The cardiac action potential. 10
2. Embryology, clinical features and management of TAPVC. 2+3+5
3. The coronary sinus – Embryology, anatomy and role in interventions. 3+5+2
4. Secondary mitral regurgitation: Pathophysiology, diagnosis and management 3+3+4
5. Causes of ST elevation other than acute myocardial infarction. 10
6. Mahaim fibre tachycardias – Classification, presentation and management. 2+5+3
7. Hemodynamics of cardiac tamponade. 10
8. Syndromes of pulmonary stenosis. 10
9. Confronting neoatherosclerosis in bare metal stents and drug eluting stents. 10
10. Fick's principle. 10
