

FINAL EXAM  
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

**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    |

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