



FINAL EXAM  
JUNE 2014

NATIONAL BOARD OF EXAMINATIONS

CARDIOLOGY

PAPER - II

CARD/J/14/05/II

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.

1. Define diuretic resistance. How would you manage it? Discuss device based treatment to manage fluid overload. 5+5
2. Discuss mechanisms of arrhythmogenesis. Describe arrhythmias caused by Re-entry. 5+5
3. Discuss the indications and approach to type of pacemaker implantation in infants with Congenital complete heart block. 5+5
4. How would you prevent thromboembolic complications in AF by both drug and non drug methods? 5+5
5. Discuss risk stratification and prevention of sudden cardiac death (SCD)? 5+5
6. What are cardiac and non cardiac causes of syncope? Describe the diagnostic tests for syncope. 5+5
7. Discuss pathophysiology of hypertensive crisis. What are the circumstances requiring rapid lowering of B.P.? 5+5
8. What are secondary causes of hyperlipidemia? What are the ways to treat it? 5+5
9. Define peri-procedural myocardial infarction and describe methods to prevent it. 5+5
10. Discuss approach to a patient with renal failure and multi-vessel CAD. 10

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