

FINAL EXAM
JUNE 2013

NATIONAL BOARD OF EXAMINATIONS

CARDIOLOGY

PAPER - I

CARDIO/J/13/05/I

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

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| 1. Describe the embryology, presentation and management of corrected transposition of great arteries. | 3+2+5 |
| 2. What is apoptosis? Discuss its role in cardiovascular disease. | 2+8 |
| 3. Describe the pharmacology and use of ticagrelor. | 6+4 |
| 4. Discuss atrial isomerism and its importance in congenital heart disease. | 3+7 |
| 5. What is hangout interval? Describe its mechanism and effect on cardiac auscultation. | 3+(3+4) |
| 6. Describe Tissue Doppler Imaging in health and disease. | 4+6 |
| 7. What are hypercoagulable states? Outline its diagnosis and management | 3+(3+4) |
| 8. Outline the approach to evaluation of asymptomatic pre-excitation. | 10 |
| 9. What is Chi-Square test? Discuss its application in clinical medicine? | 5+5 |
| 10. Discuss cardiovascular involvement in HIV disease. | 10 |
