CARDIOLOGY
PAPER – 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. Coronary flow reserve: Principles and clinical application. 5+5

2. Conotruncal anomalies: Embryology, genetics, clinical significance & assessment. 3+3+2+2

3. Dynamic cardiac auscultation: Principles and clinical utility. 5+5

4. Re-entrant Tachyarrhythmias 10

5. Pulmonary vascular resistance: Assessment and clinical significance. 5+5

6. Left ventricular Dys-synchrony: Assessment and management. 10

7. ‘P’ value: Statistical importance and limitations. 10

8. Neurocardiogenic syncope: Pathophysiology, assessment and principles of management. 4+4+2

9. Biomarkers of sudden cardiac arrest. 10

10. Autonomic innervations of the heart. 10

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