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 resistant hypertension. Describe its causes, evaluation and management. 3+(2+2+3)
2. Describe causes, presentation and management of neoplastic pericardial effusion. 2+2+6
3. Describe causes and role of radio-frequency ablation in ventricular tachycardia. 3+7
4. What are the non-invasive modalities to evaluate heart failure? Discuss their uses and limitations. 4+(4+2)
5. Define post partum cardiomyopathy. Discuss its aetiology and management. 2+(3+5)
6. Describe pressure waveforms encountered during balloon mitral valvotomy. Mention their significance. 7+3
7. What is obstructive sleep apnea? Discuss its diagnosis, management and effect on cardiovascular system. 2+(2+3+3)
8. Discuss aetiology, evaluation and treatment of paravalvular leaks. 3+3+4
9. Discuss approach, evaluation and management of dilatation of ascending aorta. 10
10. Define balloon atrial septostomy. What are its indications? Give the criteria for successful procedure. 3+4+3

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POSSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.