



**LONG ESSAY (These questions carry 10 marks each)**  
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**10 x 10 = 100 Marks**  
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1. Briefly discuss S3 and S4.
2. Genetics and HCM
3. Development of Interventricular Septum
4. ECG abnormalities in Hypocalcemia and Hypercalcemia
5. Assessment of RV Function
6. Radiation Protection for Interventionist
7. Myocardial Preconditioning
8. Dynamic Auscultation
9. Assessment of Diastolic Dysfunction by echocardiography
10. Clinical evaluation of Cyanosis

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