

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
1st Internal Exam, March 2021-22

Year: 1st year M.Sc. Cardiology

Date: 09 /03/2022

Subject code: 19205105

Time: 10:30 am

Subject Name: Cardiac Care Technology

Total Marks: 40

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

Q.1:	Answer the following Questions	(Any 5 out of 7)	(Each 1 Mark)	05 marks
	(i) Holo systolic Heart Sound			
	(ii) Define echocardiography			
	(iii) Define TEE			
	(iv) Define Sheath			
	(v) Define STEMI			
	(vi) Define RHD			
	(vii) Name the leaflets of aortic valve			
Q.2:	Answer the following Questions	(Any 5 out of 7)	(Each 2 marks)	10 marks
	(i) Define sedgln technique			
	(ii) List acynotic disorders			
	(iii) Types of VSD			
	(iv) ECG findings for cardiac hypertrophy			
	(v) Describe ultra sound			
	(vi) Principle of Doppler effect			
	(vii) Enlist the measurement of left heart			
Q.3:	Answer the following Questions	(Any 2 out of 3)	(Each 5 Marks)	10 marks
	(i) Describe coarctation of aorta			
	(ii) Explain causes and pathophysiology of pericardial diseases			
	(iii) Explain parasternal views of echo			
Q.4:	Answer the following Questions	(Any 2 out of 3)	(Each 7.5 marks)	15 marks
	(i) Describe views of echo with diagram			
	(ii) Explain in detail about TGA with echo findings			
	(iii) Explain angiography procedure			