

PAPER-III

SUBJECT CODE & NAME-1533 – ECHOCARDIOGRAPHY

UNIT 2 - SEGMENTAL ANALYSIS AND HEMODYNAMIC ASSESSMENT

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.No	Question	Reference (Exam Month & Year)	Bloom's Taxonomy
10Marks	Elaborate ON :		
1	Describe with neat labelled diagram the 17-segment model of left ventricle for regional wall motion assessment, also mention the wall motion score index.	Aug 2017, Feb 2019, Aug 2019	Understand/Apply
2	Segmental echocardiographic approach to congenital heart disease.	Feb 2018, Aug 2019	Analyze
3	Echocardiographic assessment of hemodynamic parameters.	Feb 2017, Feb 2019	Apply
4	Assessment and grading of diastolic dysfunction with diastolic filling pattern in AF and sinus tachycardia.	Aug 2019	Evaluate
5Marks	Write Notes on:		
5	Assessment of stroke volume and cardiac output in Echo.	Aug 2016	Apply
6	Write a note with formula on how to calculate pulmonary artery pressure in echo study.	Aug 2017, Feb 2019	Apply
7	Wall motion score index.	Feb 2020, Apr 2024	Understand
8	Assessment of pulmonary artery hypertension in Echo.	Feb 2018, Aug 2018, Feb 2020, Apr 2024	Analyze
9	Calculation of left ventricular mass.	Aug 2019	Apply
3Marks	Short answers on:		
10	Myocardial performance index.	Feb 2017, Aug 2018, Sept 2022	Remember
11	DP/DT (dP/dT).	Feb 2018, Aug 2019	Understand
12	Grade II LV diastolic dysfunction.	Feb 2020	Remember
13	Grade III & IV LV diastolic dysfunction.	Feb 2022	Remember
14	Pulmonary systemic flow ratio (Qp/Qs).	Aug 2016, Feb 2018, Apr 2024	Apply
15	Echocardiographic assessment of stroke volume (short note).	Feb 2018, Aug -19	Apply