

SUBJECT: 1422 - CARDIO PULMONARY BYPASS AND PERFUSION TECHNOLOGY

UNIT II – PERFUSION FLOW PRESSURE & ADEQUACY OF PERFUSION- QUESTION BANK

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

I. ELABORATE ON

10 MARKS

S.No	Question	Reference	Bloom's Taxonomy
1	Adequacy of Perfusion during Cardio Pulmonary Bypass	Feb 2016, April 2025	Apply, Evaluate
2	Note on Adequacy of perfusion	Aug 2017	Understand, Analyze

II. WRITE NOTES ON

5 MARKS

S.No	Question	Reference	Bloom's Taxonomy
1	Formula to calculate the cardiopulmonary blood flow	Aug 2017	Apply
2	Coronary Perfusion	Aug 2013, Aug 2016	Understand
3	Partial Cardio Pulmonary Bypass	Feb 2016, Aug 2018, April 2025	Understand, Apply
4	Monitoring during Cardio Pulmonary Bypass	Feb 2016, Feb 2019, Aug 2021	Apply, Analyze

III. WRITE SHORT NOTES ON

3 MARKS

S.No	Question	Reference	Bloom's Taxonomy
1	What is the Optimal Flow rates on CPB?	Dec 2020	Remember, Apply
2	Priming volume	Aug 2013, Aug 2014, Aug 2016, Feb 2017, Aug 2017, Feb 2019, Nov 2023	Remember, Apply

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S.No	Question	Reference	Bloom's Taxonomy
3	Hematocrit management on cardiopulmonary bypass	Aug 2013, Feb 2016, Aug 2019, April 2025	Analyze