

B.Sc. CARDIOPULMONARY PERFUSION CARE TECHNOLOGY
SUBJECT: 1422 - CARDIO PULMONARY BYPASS AND PERFUSION TECHNOLOGY

UNIT II – ACID BASE BALANCE – 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	Acid Base management on Cardio Pulmonary Bypass	Feb 2016, April 2024	Understand, Analyze
2	Alpha stat and PH stat management	Aug 2018, Dec 2020, April 2025	Understand, Analyze
3	Acidosis and Alkalosis in detail	Dec 2020	Understand, Analyze

II. WRITE NOTES ON

5 MARKS

S.No	Question	Reference	Bloom's Taxonomy
1	Acid base balance	Aug 2014	Understand
2	Formula to Calculate Bicarbonate correction	Aug 2017	Apply
3	Formula for correcting Hyperkalemia	Aug 2018	Apply
4	Explain Respiratory Acidosis with an example	Aug 2017	Understand, Apply
5	Explain Respiratory Alkalosis with an example	Aug 2018	Understand, Apply

III. WRITE SHORT NOTES ON

3 MARKS

S.No	Question	Reference	Bloom's Taxonomy
1	Electrolyte imbalance	Aug 2013, Aug 2016, April 2024	Remember, Apply
2	Hyperkalemia & its treatment	Aug 2015, Aug 2016, Aug 2021, April 2024, Nov 2023	Remember, Apply
3	Write the Formula to Calculate Hemaocrit value during bypass	Feb 2018, April 2024	Apply