

MBBS Homeostatic Mechanisms in The Body – Biochemistry

Chapter Wise Previous Exam Questions conducted by KUHS (Kerala University of Health Sciences)

1. Discuss in detail the mechanism by which kidney maintains the blood pH. What is meant by metabolic acidosis and how it is compensated? (7+3=10)
2. Renal mechanism of regulation of blood pH
3. What is metabolic acidosis? Give one example of a disease associated with it.
4. Respiratory acidosis
5. Differences between metabolic acidosis and respiratory acidosis
6. Plasma buffers/Explain briefly on blood buffers and add a note renal mechanism of maintaining acid base balance
7. Important buffer in intracellular fluid
8. What is the role of kidney in acid base regulation?
9. Mention the normal sodium level and clinical manifestation of hyponatremia
10. Normal serum concentration of sodium and potassium
11. Explain why edema develops in hypo albuminemia

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