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8. What is "Minimally Invasive Cardiac Surgery? Mention where it is Use? Write briefly about the perfusion aspects of the technique. (2+2+4)
9. Write short notes on a) Ultrafiltration in open heart surgery (4+4)
b) Hypothermia and clinical uses
10. What is Pulsatile Cardio-pulmonary Bypass? Mention its principles and benefits. (2+6)
11. Write about antihypertensive drugs.
12. What are the effects of Cardio-pulmonary bypass on the lungs? What factors predispose to these effects? Mention the preventive methods used. (4+2+2)
