

Answer a total of 5 questions (each 20%):

1. What are the main functions of plasma proteins?
2. Outline the structure of a motor end plate in striated muscle. What is the structure most vulnerable to fatigue?
3. Local metabolites can cause relaxation of vascular smooth muscle. Name one of these substances and discuss its mechanism of action.
4. What are the major physiological parameters which breathing normally controls their homeostasis?
5. What is 'basal metabolic rate'? How is it determined?
6. How does the emptying of stomach occur and what factors may influence it?

-- End of questions --