

Mini Essay 1 – mark scheme

1. more water taken in/more water drunk;
2. increased volume of urine at lower concentration;
3. increase in protein eaten;
4. more amino acids produced/more deamination;
5. increased concentration of urine;
6. increased salt intake;
7. reduced volume of urine;
8. vigorous exercise;
9. reduced volume of urine increase in concentration;
10. because more water lost by sweating;
11. to control body temperature;

6 marks

Mini Essay 2 – mark scheme

1. exercise/named physical activity;
2. increased use of oxygen;
3. increased production of carbon dioxide;
4. increased rate of breathing;
5. changes air more frequently;
6. increased depth of breathing;
7. inflates alveoli more;
8. maintains diffusion gradient for oxygen/carbon dioxide;

6 marks