



**6. Explain how the cardiovascular system helps with the process of thermoregulation. (4)**

**7. The hearts pacemaker is known as .....(1)**

**8. A 100m sprinters heart would rise rapidly before, during and after the race, then slow down during the recovery period. Which systems are responsible for this?, and how? (4)**

**9. A marathon runner would develop bradycardia, explain why? (4)**

**10. What is sudden arrhythmic death syndrome (SADS)? (2)**