## Unit 2 Key Area 3 Metabolic Rate

**Mark Scheme** 

- 1. C
- 2. A
- 3.
- 1. Amphibian heart has 2 atria and 1 ventricle
- 2. Bird heart has 2 atria and 2 ventricles
- 3. Birds have a higher metabolic rate (or converse)
- 4. No mixing of oxygenated and deoxygenated blood in bird heart (or converse)
- 5. More efficient oxygen delivery to bird cells/ muscles/tissues (or converse)

## Additional Guidance

NB: For full marks to be awarded candidates must give at least 1 correct point for bird and at least 1 for amphibian.

No more than 4 marks should be awarded.