

Question 1

- 1.1 Well answered.
- 1.2 Fairly well answered. Many candidates did not get *proprioceptors* and *ectotherms* correct. Some candidates provided the answer *exotherm* instead of *ectotherm*. A few candidates are still using the term *cold-blooded* (absolute terms).
- 1.3 Poorly answered. Candidates still have problems with this type of question.
- 1.4 All sections, especially 1.4.3, were poorly answered. Candidates had problems connecting the introductory paragraph to the diagram.
- 1.5 Questions 1.5.3 and 1.5.5 in particular were poorly answered.
- 1.6.1
- to 1.6.3 These questions were very poorly answered. Candidates were confused about using a graph and the information studied. Most candidates answered 1.6.4 and 1.6.5 correctly.

Question 2

- 2.1 Not well answered. Weaker candidates had problems because they confused the apparatus in the diagram with the “suction force of transpiration” experiment. Most candidates had problems with “improving the reliability of the experiment.” It was confused with precautions. Candidates did not read the title of illustration.
- 2.2 Candidates did very well, but too many candidates could not distinguish between the dependant and independent variable. The heading should include both variables. There was a definite improvement in candidates’ graph associated skills.
- 2.3 Fairly well answered.

Question 3

- 3.1 Good knowledge of the drawing’s content, but drawing skills should be improved.
- 3.2.1 to 3.2.7 Very well answered, except for the discussion on the adaptations of the cells forming the wall of the tubule. In answers where units of measurement were required, candidates confused the adaptations of cells with renal tubule improvement.
- 3.2.8 Marks were allocated to all candidates.

Question 4

- 4.1.1 and 4.1.2 Well answered, but extensive discussion could have lead to time wasting.
- 4.1.3 Candidates recognized a heat exchange mechanism, but found it difficult to explain its significance.
- 4.2 Diagram created some confusion, but was compensated for in the marking memorandum.
- 4.3 Very well answered.

Question 5

- 1.1 Candidates had problems understanding the introductory diagrams, table and passage. This question was poorly answered.
- 5.2 When answered, it was very well done. However, some candidates provided answers relating to the functioning of adrenalin rather than the process of hearing.

Note: Many candidates were unable to provide clear explanations.