

## **Physiology SG**

### **Section 1**

#### **Question 1**

1.1, 1.2, 1.3

The multiple-choice questions, the questions requiring correct physiological terms and the mix-and-match questions were answered most satisfactorily by most centres.

1.4

Here students struggled to find the incorrect labels and, when they did, they could rarely correct them.

1.5

Most centres did poorly in this question, possibly because it was more of an application question and not the type of straightforward question SG students are used to.

### **Section B**

#### **Question 2**

2.1

Questions on the eye were answered satisfactorily.

2.2

Questions on the structure of the ear were answered satisfactorily, though very few students could answer the question on how the macula functions.

2.3

Questions were answered satisfactorily by most centres.

#### **Question 3**

Most of questions on chemical co-ordination and reproduction were answered very poorly.

#### **Questions 4**

4.1, 4.2

Most students could provide suitable labels for the brain diagram, as well as appropriate functions. Very few could name the condition "ataxia" as the answer to Question 4.1.4(a). The question on the protection of the brain produced reasonable answers.

4.3, 4.4, 4.5

Most of these questions were answered very poorly.

#### **Question 5**

5.1: Most of these questions were answered quite well, though few students knew that the functional unit of the kidney is the nephron. Some also struggled distinguishing between organic and inorganic substances in normal urine.

5.2, 5.3: Questions were answered satisfactorily.

5.4: Questions on homeostasis were answered rather poorly. Very few students could explain how blood calcium is maintained at a constant level.