This document provides the structure of the Advanced Higher Biology questions in Section 1 and Section 2 by Knowledge/Skill (key for abbreviations below); Key area; Maximum Mark; intended grade A marks.

**Key**

| | |
|---|---|
| dKU | demonstrating knowledge and understanding of biology by making statements, describing information, providing explanations and integrating knowledge |
| aKU | applying knowledge and understanding of biology to new situations, interpreting information and solving problems |
| PLAN | planning or designing experiments/investigations, including safety measures, to test given hypothesis or to illustrate particular effects |
| SEL | selecting information from a variety of sources |
| PRES | presenting information appropriately, in a variety of forms |
| PROC | processing information/data (using calculations and units, where appropriate) |
| PRED | making predictions and generalisations based on evidence/information |
| CONC | drawing valid conclusions and giving explanations supported by evidence/justification |
| IMPR | identifying sources of error and suggesting improvements to experiments |
| * | Intended grade A mark |

**Section 1**

| Question | KU/Skill | Key Area | Grade A mark |
|---|---|---|---|
| 1 | dKU | 1.2cii | |
| 2 | aKU | 1.2ci | |
| 3 | dKU | 1.2ci | |
| 4 | dKU | 3.2biv | |
| 5 | aKU | 1.3a | |
| 6 | PROC | | * |
| 7 | dKU | 1.4diii | |
| 8 | aKU | 3.2biii | * |
| 9 | aKU | 1.4di | |
| 10 | dKU | 1.5d | |
| 11 | PRED | | * |
| 12 | aKU | 2.2a | * |
| 13 | aKU | 3.2bi | |
| 14 | aKU | 2.1e | |
| 15 | dKU | 2.4a | |
| 16 | aKU | 2.4b | |
| 17 | PLAN | | * |
| 18 | dKU | 3.2e | |
| 19 | dKU | 2.5b | |
| 20 | dKU | 2.5f | |

| Section 2 | | | | |
|---|---|---|---|---|
| **Question** | **KU/Skill** | **Key Area** | **Maximum mark** | **Grade A mark** |
| 1(a) | SEL | 2.1c, 2.2a, 2.5aii | 2 | |
| 1(b) | CONC | | 2 | * |
| 1(c)(i) | aKU | | 1 | |
| 1(c)(ii) | SEL | | 1 | |
| 1(d) | dKU | | 1 | |
| 1(e)(i) | CONC | | 1 | |
| 1(e)(ii) | aKU/CONC | | 2 | * |
| 2(a)(i) | dKU | 1.4b, 1.4c | 1 | |
| 2(a)(ii) | dKU | | 2 | * |
| 2(a)(iii) | aKU | | 1 | |
| 2(b) | dKU | | 2 | * |
| 3(a)(i) | PROC | 1.1c, 1.1d | 1 | |
| 3(a)(ii) | PROC | | 1 | * |
| 3(b)(i) | dKU | | 2 | * |
| 3(b)(ii) | dKU | | 1 | |
| 4(a) | dKU | 1.3b, 1.3a, 1.4c | 1 | |
| 4(b)(i) | dKU | | 3 | * |
| 4(b)(ii) | aKU/SEL | | 2 | |
| 5 | dKU | 1.2biii, 1.2biv | 5 | * |
| 6(a)(i) | PROC | 1.5b, 1.5c,3.2c | 1 | |
| 6(a)(ii) | dKU | | 1 | |
| 6(a)(iii) | dKU | | 1 | |
| 6(b)(i) | dKU | | 1 | |
| 6(b)(ii) | aKU | | 2 | * |
| 6(b)(iii) | aKU | | 1 | |
| 7(a) | IMPR | 2.1b, 2.1d, 3.3d | 1 | |
| 7(b) | CONC | | 1 | * |
| 7(c)(i) | SEL | | 1 | * |
| 7(c)(ii) | aKU | | 1 | * |
| 7(d)(i) | dKU | | 1 | |
| 7(d)(ii) | aKU | | 1 | |
| 8(a) | dKU | 2.3b | 1 | |
| 8(b) | aKU | | 1 | |
| 8(c) | dKU | | 1 | * |
| 8(d) | dKU | | 3 | * |
| 9(a) | aKU | 2.2c, 2.4b,2.5b | 1 | |
| 9(b)(i) | aKU | | 1 | |
| 9(b)(ii) | aKU | | 1 | * |
| 9(c)(i) | dKU/aKU | | 2 | * |
| 9(c)(ii) | PRED | | 1 | |
| 9(c)(iii) | aKU | | 1 | |
| 10(a) | PROC | | 1 | |

| | | | | |
|---|---|---|---|---|
| 10(b) | aKU | 3.1a, 3.2bii, 3.2biii, 3.3d, 1.1b | 1 | |
| 10(c) | PLAN | | 1 | |
| 10(d) | PLAN | | 1 | |
| 10(e) | aKU | | 1 | * |
| 10(f) | PLAN | | 1 | * |
| 10(g) | aKU | | 1 | |
| 11(a) | dKU | 2.5b, 2.5c | 1 | |
| 11(b) | dKU | | 1 | |
| 11(c) | PROC | | 2 | * |
| 11(d) | CONC | | 1 | |
| 11(e) | CONC | | 1 | * |
| 11(f) | IMPR | | 1 | |
| 12A(i) | dKU | 2.5d | 3 | * |
| 12A(ii) | dKU | | 5 | ** |
| 12B(i) | dKU | 2.3c | 4 | * |
| 12B(ii) | dKU | | 4 | ** |