IQM3011 A3 Teacher marking exercise

IQM3011 Biology Assessment 3 Paper 2

Selected synthetic examples for teacher standardisation. Review before distribution.

Use the approved question paper and marking guidance alongside these extracts. Read each selected extract and record the evidence and criterion judgement independently before consulting the separate reference commentary. Partial excerpts cannot establish a whole-script or whole-portfolio mark.

Selected task B3 c

The approved scheme explicitly credits a correct 50% with both marks, even without displayed working.

Example X

24/6=4.0 and 36/6=6.0 nmol min^{-1}; percentage increase = 50%.

Evidence and proposed judgement: _____
Reason: _____

Example Y

50%.

Evidence and proposed judgement: _____
Reason: _____

Example Z

24/6=4.0 and 36/6=6.0 nmol min^{-1}; percentage increase = 50%.

Evidence and proposed judgement: _____
Reason: _____

Selected task B4 c

Both numerical differences and their units are required.

Example X

lower CO_2 0.0; higher CO_2 2.0 µmol min^{-1}.

Evidence and proposed judgement: _____
Reason: _____

Example Y

0 and 2.

Evidence and proposed judgement: _____
Reason: _____

Example Z

lower CO_2 0.0; higher CO_2 2.0 µmol min^{-1}.

Evidence and proposed judgement: _____
Reason: _____

Selected task B5 b

RNA complement, orientation and amino-acid sequence receive separate credit.

Example X

3'-AUG CCU GAA-5'; methionine-proline-glutamate.

Evidence and proposed judgement: _____
Reason: _____

Example Y

3'-AUG CCU GAA-5'; methionine, proline, glutamate.

Evidence and proposed judgement: _____
Reason: _____

Example Z

5′-AUG CCU GAA-3′; methionine-proline-glutamate.

Evidence and proposed judgement: _____
Reason: _____