



**MARKING GUIDE
PRACTICAL TASK**

LIFE SCIENCES

**GRADE 11
TERM 3**

QUESTION 1

1.1

- | | | |
|-----------------|------------------------|-----|
| a) Glass tube | trachea✓ | (1) |
| b) Balloon | lung✓ | (1) |
| c) Bell jar | chest(thoracic)cavity✓ | (1) |
| d) Rubber sheet | diaphragm✓ | (1) |

1.2 Active✓ (1)

1.3 Decreases✓ (1)

1.4 Increases✓

1.5 The bell jar does not move but the lungs do ✓. Model demonstrates one lung where humans have 2 lungs ✓.

QUESTION 2

2.1 To determine the effect of exercise ✓ on the heart rate ✓ and breathing rate ✓ of 2 learners. (3)

2.2 Both their heart rates increased to over 100 bpm ✓

2.3 Both learners breathing rates increased when running up the stairs ✓

2.4

Appropriate title	✓
Correct type of graph	✓
Appropriate y-axis heading and scale	✓
Correct labelling of columns	✓✓
Key: learner 1 / learner 2	✓

Marking Guideline:

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L Manion



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