

01. 0620_s12_ms_63 Q: 7

known mass/weight (1) of each fertiliser (1)
 add to same amount of soil (1)
 + bean (1) water (1)
 leave for specified time (1) observe plant growth/effect (1)
 comparison/conclusion (1) max 7

[7]

[Total: 7]

02. 0620_w14_ms_62 Q: 1

- (a) (i) U-tube (1)
 gas jar (1) [2]
not: measuring cylinder
- (ii) arrow inserted under shaded solid mixture (1) [1]
- (b) less dense / lighter than air (1)
 reacts / dissolves in water (1) [2]
- (c) reaction occurs (1)
 ammonia is alkaline / neutralisation / hydrogen chloride (1)
 ammonium chloride formed (1) [3]
note: correct equation scores (3)
- (d) red litmus (1)
 turns blue (1) [2]
allow: pH / Universal Indicator (1)
 turns blue / purple (1)
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