

Unit 2 6BI02

| Question Number | Answer | Mark |
|-----------------|--|------|
| 1(a) | <ol style="list-style-type: none"> 1. {one / few / similar} cell types ; 2. working together / for the { same / eq } function / often cells come from the same origin / eq ; | (2) |

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|-----------------|---|----------------|
| 1(b)(i) | <ol style="list-style-type: none"> 1. three (or more) cisternae drawn ; 2. cisternae curved ; 3. cisternae getting smaller ; 4. cisterna /pre- or post-Golgi vesicle correctly shown ; <p>max 2 for drawing</p> <ol style="list-style-type: none"> 5. arrow(s) pointing from convex / forming side to concave / mature side ; | max (3) |

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| 1(b)(ii) | <ol style="list-style-type: none"> 1. some (amino acids) do not enter the cell / eq ; 2. some amino acids are not used (in protein synthesis) / eq ; 3. some protein is {elsewhere in the cell / on ribosome / in RER / in cytoplasm / in mitochondria / in vesicles / in nucleus /eq} ; 4. not modified / eq ; 5. some {metabolised / eq} ; 6. some has been ejected from cell / eq ; 7. reference to radioactive decay / decrease ; | max (3) |