**Science Targeted Feedback Analysis**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Year 12 Human Biology**

**Biotechnology Scientific Inquiry Test**

Mark: \_\_\_\_\_\_\_\_\_ / 36

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|  | Conduct investigations, including the use of virtual or real biotechnological techniques of polymerase chain reaction (PCR), gel electrophoresis for deoxyribonucleic acid (DNA)sequencing, and techniques for relative and absolute dating, safely, competently and methodically for valid and reliable collection of data | Represent data in meaningful and useful ways; organise and analyse data to identify trends, patterns and relationships; discuss the ways in which measurement error, instrumental accuracy, the nature of the procedure and sample size may influence uncertainty and limitations in data; and select, synthesise and use evidence to make and justify conclusions | Communicate to specific audiences, and for specific purposes, using appropriate language, nomenclature, genres and modes, including scientific reports |  |
| Reflection |
| Qu 1 | /3 |  |  |  |
| Qu2 | /2 |  |  |  |
| Qu3 |  | /2 |  |  |
| Qu4 | /1 |  |  |  |
| Qu5 |  | /7 |  |  |
| Qu6 |  | Part a  /2 | Part b  /2 |  |
| Qu7 |  |  | /4 |  |
| Qu8 | /12 |  |  |  |