

## AQA A-Level Biology Paper 1 - Unofficial (student made) mark scheme

*This is only something we as students have compiled based on our opinions of the questions. None of this is a guarantee.*

*Anyone is welcome to add a question/answer or start a debate -*

**NO TROLLING PLEASE**

*Someone needs to add q abt which test was best (lab vs elisa) - i remember that one too but not sure exactly what it was- i think a comparison between data. Yeh it was like the table of current test, lab and elisa*

*There are currently 91 marks at the moment (although marks for some questions may be less/more than there actually were)*

*Unofficial grade boundaries: A\* - 66% A - 56% B - 48% C - 38% D - 30% E - 20%*

| Question  | Answer  | Additional Information                     | Marks |
|---|---|--|-------|
| 1.1) 3 structures in <u>all</u> viruses, and explain 1                          | <ol style="list-style-type: none"> <li>Genetic material</li> <li>Capsid</li> <li>Attachment protein</li> <li>Lipid envelope</li> </ol> <p>Function of attachment protein - binds to complementary receptors on T helper cells</p> |  | 2     |
| 1.2) why are viruses acellular and non - living                                 | <ol style="list-style-type: none"> <li>They cannot reproduce on their own</li> <li>They do not have a cellular structure, no organelles</li> <li>They exist as a single particle/cell</li> </ol>                                  |  | 2     |
| 1.3 why do antibiotics not work on viruses                                      | Antibiotics target organelles such as cell walls and ribosomes and viruses do not have these  |  | 1     |
| 1.4 Apart from named structure how can you tell this cell is an eukaryotic cell | <ul style="list-style-type: none"> <li>Mitochondria</li> <li>Smooth ER +</li> <li>Rough</li> <li>Nucleus</li> </ul>   | Answers may also include: Nuclear envelope | 1     |
| 2.1 give 3 ways in which cellulose is similar to chitin                         | <ol style="list-style-type: none"> <li>Both monomers alternate to form long straight chains</li> </ol>  |  | 3     |

# Unofficial Mark Scheme 2015 Biology

**Julia Schneider**



## **Unofficial Mark Scheme 2015 Biology:**

## Decoding **Unofficial Mark Scheme 2015 Biology**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Unofficial Mark Scheme 2015 Biology**," a mesmerizing literary creation penned by a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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