

**Subject: Biology**

**Title of essay: Are non-biological washing powders more effective to the removal of stains than biological washing powders?**

<b>Criterion</b>	<b>Mark awarded (criterion)</b>	<i>Comments should reference each individual assessment criterion. Please copy this form and include a copy per script – please type or write in the space below and continue on a separate sheet if necessary (maximum 50 words per criterion sample). Comments will be made available to examiners undertaking training.</i>	<b>Total</b>
A	1	The research question is clearly stated but is not well focused. There is no attempt to restrict the study in any way.	1
B	1	There is a limited attempt to place the study in context on p4 and 5. However there is much confusion about the meaning of basic terms such a biodegradability, genetic modification and effect on the environment.	1
C	2	There are only three relevant references. However the student has collected a sufficient body of data through experimentation, using suitable controls, to at least partly address the research question. More detail could be provided on the method in order to show that the investigation was well planed.	2
D	2	There is some knowledge and understanding but limited background reading is reflected in the lack of a clear understanding of basic terms. There are some good ideas expressed in the section on interpreting the data. This shows that the student has some understanding but limited knowledge base.	2
E	2	There is some attempt to set out reasoned argument . However while there are some well developed ideas especially in the discussion, the student is not always clear about what exactly is being investigated.	2

F	2	The analysis is superficial and incomplete. The data are not presented in the most appropriate way making a thorough analysis difficult.	2
G	1	The language of the essay is usually accurate and easily followed. However the ideas are expressed in simple terms and the student does not show a good command of technical terms related to this topic.	1
H	1	There are some relevant conclusions. The final paragraph contains a clear contradiction and shows that the candidate is not clear about the type of enzyme being investigated.	1
I	2	There is a clear layout to the essay. The structure is well organized and technical aspects are dealt with competently. However there is a very limited bibliography and few in text references where many more would have been appropriate. Poor use is made of tables and graphs and these are not presented in the most appropriate format.	2
J	1	The research question is clearly stated. The section dealing with the scope provides few details. There is an apparent contradiction in the last line of the conclusion.	1
K	1	There is little evidence of initiative or motivation on the part of the student either in the essay itself or in the teacher comments.	1
<p><i>Comments: Please add a short holistic summary (approximately 100 words) summing up the strengths and weaknesses of the essay. This essay shows little initiative or insight. The success of this study is clearly limited by poor planning and by a lack of background knowledge on the part of the candidate.</i></p>			<b>Total 16</b>