

Task 1: Article

Maximum marks: 54 (Including Presentation marks)

CONTENT (Maximum marks: 44)

Points 1-9; 15-22; and 26 carry TWO marks maximum each. For each of these points, if you wish to give the two maximum marks, write the marking scheme number and the letter 'b'.
Example: 4b.

Points 10-14 and 23-25 carry ONE mark maximum each.

Marking Scheme Number	Point	Explanation	Maximum Mark
Opening 1. or 1b	Introduction	Some generalised statement of the controversy over culling; probably comes at beginning of essay but allow for appropriate stylistic variation; might be an appropriate other stylistic device (e.g. a description of cruel shooting of an animal, etc) 1 mark = presence of some introduction 2 marks = particularly well-done	2
2. or 2b	Definition of culling e.g. 'the removal by selective killing of old, sick or weak animals from a flock or herd.'	1 mark = copying more than first 3 sentences of 'culling' article 2 marks = first sentence, with or without 2nd and 3rd sentences from Data File or in their own words	2
3. or 3b	Distinction of kinds of culling	1 mark = mention of the two subdivisions of culling (natural or human) 2 marks = 2 correct definitions	2
Arguments in favour of culling 4. or 4b	elimination of pests which compete with domestic/farm animals e.g. Scottish red deer / kangaroos	For points 4-9, 1 mark is given for a statement of the general principle and 1 mark is given for an example of it. However, no additional marks are to be given for more than one example. A mark can be given for an example without a general statement of principle as long as it is clear what point the example is making. 1 mark = statement of general principle 1 mark = one example	2
5. or 5b	prevention of destruction of commercially valuable animals/ products e.g. seals-fish		2
6. or 6b	prevention of endangerment to own habitat or natural food supplies / own survival e.g. elephants		2
7. or 7b	prevention of destruction of natural environment e.g. scottish red deer-trees		2
8. or 8b	economic value of products of culled animals e.g. kangaroo meat or hides / seal's genital organs / elephant ivory / also against		2
9. or 9b	prevention of competition with humans for resources e.g. elephants		2
People/Group supporting culling 10.	hunters/sportsmen (Australia)	Only need to mention one No need to mention country	1

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Question	Answer	Marking
11. ✓	certain governments e.g. Australia, Norway, Canada, African countries	Only need to mention one X not U.S. Congress as they are proposing reintroduction
12.	industries profiting from culling e.g. meat/hide industry (in Australia), Asian medicine sellers, ivory sellers	Only need to mention one No need to mention country
13. ✓	some farmers (e.g. Australia, Africa) // hunters fishermen (e.g. Canada, Norway)	Only need to mention one No need to mention country
14.	conservationists when culling is scientifically justified // <i>Zoologists - red deer</i>	
Arguments opposed to culling		
15. or 15b	brutality/cruelty/inhumanity e.g. kangaroos / elephants	
16. or 16b	senseless/unnecessary due to lack of market or luxurious nature of the associated product e.g. seal fur	
17. or 17b	erroneous notion of competition with domestic animals e.g. kangaroos-sheep	
18. or 18b	erroneous notion of destruction of commercially-valuable animals e.g. seals-cod/fish / <i>over-fishing</i>	
19. or 19 b	profitable alternatives to culling do exist e.g. seal-watching	
20. or 20b	potential extinction of the culled species e.g. elephants / <i>kangaroos - introduction</i>	
21. or 21b	problems of human culling - e.g. labour intensive / time consuming / leads to destruction of strongest/biggest animals	
22. or 22b	natural culling may kill the wrong animals, e.g. wolves killing sheep not deer	
People/Groups opposing culling		
23.	conservationists / animal concern groups when it is done cruelly and without heeding scientific principles (e.g. IFAW, Richard Leakey)	
24.	general public as indicated in public opinion polls (e.g. Canada)	No need to mention country
25.	some farmers (e.g. Scotland)	No need to mention country X not western - U.S. farmers and workers or mothers as they are opposed to reintroduction
Closing		
26. or 26b	Conclusion	Some generalised closing, summary, recapping of argument, etc 1 mark = presence of some conclusion 2 marks = particularly well-done

For points 15-22, 1 mark is given for a statement of the general principle and 1 mark is given for an example of it. However, no additional marks are to be given for more than one example. A mark can be given for an example without a general statement of principle as long as it is clear what point the example is making.

1 mark = statement of general principle
1 mark = one example

Task 2: Information Leaflet
Maximum marks: 25 (including Presentation marks)

CONTENT (Maximum marks: 20)

The points carry one mark each.

The experiments can be listed in any order as long as the experiment is in the correct column. However, if an experiment is categorized in the wrong 'column', no marks should be awarded for category or reason.

If an experiment is listed in more than one category, no marks should be awarded.

Pointless	No longer Needed	Possibly Justifiable
Name GIVEN: Mouse Tails	Name GIVEN: Dissecting Frogs	Name GIVEN: The Draize Test
Reason GIVEN	Reason An alternative is available using <u>computer programmes</u> (to simulate dissection).	Reason The <u>alternative</u> is to use <u>humans</u> .
Name Hungry pigeons	Name Crash Tests	Name The Monkey Model
Reason It is obvious that <u>hungry animals</u> will eat more food.	Reason Computer <u>simulations</u> and ^{or} (other non-animal tests) can give more reliable results.	Reason There is <u>no better way</u> to test potential AIDS vaccines (for safety and effectiveness).
Name Starving rats	Name Cosmetics	Name Rabbits and Diet
Reason The experiments tells us <u>nothing of value</u> .	Reason Modern non-animal ^{not-cruel} / _{non-cruel} testing methods are more relevant (to humans).	Reason The process happens much <u>more quickly</u> in rabbits (than in humans) and the <u>diet of rabbits</u> can be controlled.
Name Monkeys and Isolation	Name Drugs and Dogs	Name Dogs' Hearts
Reason The finding could have been predicted <u>without</u> experiment.	Reason <u>Films</u> could be used.	Reason Experiments are <u>too dangerous</u> to try out on humans.

PRESENTATION (5 marks)

Conciseness and Clarity (CONC/CL)

Good	Satisfactory	Poor
5	3	1, 0

Award presentation marks for brevity, intelligibility and presentation of 'reasons' in complete sentences. If the candidate has fewer than 5 'correct reasons', the presentation marks should be no higher than 3.

Task 3: Answers to Questions
Maximum marks: 23 (including Presentation marks)

CONTENT [Maximum marks: 18]

Marking Scheme Number	Point	Explanation	Maximum Marks
2.2	Question 2.2 by not buying certain products like ivory, kangaroo or seal products	1 mark = point made 2 marks = well expressed and grammatically correct	2
2.3	Question 2.2 by writing letters of complaint (to newspapers, government agencies, etc.)	1 mark = point made 2 marks = well expressed and grammatically correct	2
3	Question 3 complain to the APS/IFAW	1 mark = point made 2 marks = well expressed and grammatically correct (No marks if another suggestion is made in addition to complaining to the APS/IFAW)	2
4.1	Question 4 No / I don't think it would be a good idea. (They would not be very good owners/would be bad owners)	1 mark = point made 2 marks = well expressed and grammatically correct	2
4.2	Question 4 Don't realise time required for pets/don't realise pets need regular feeding <i>or attention</i>	1 mark = point made 2 marks = well expressed and grammatically correct	2
4.3	Question 4 Don't realise animals can soil carpets/destroy furniture, etc	1 mark = point made 2 marks = well expressed and grammatically correct	2
5.1	Question 5 Should buy her <i>nothing</i> <i>electronics</i>	1 mark = point made 2 marks = well expressed and grammatically correct	2
5.2	Question 5 Animals are not objects to be shown off / If people want a pet they should choose their own in full realisation of the consequences.	1 mark = point made 2 marks = well expressed and grammatically correct	2
6	Question 6 The ivory trade causes tremendous suffering for elephants	1 mark = point made 2 marks = well expressed and grammatically correct	2

PRESENTATION (5 marks)

Audience (AUD)

Good	Satisfactory	Poor
5	3	1, 0

The tone of the replies should be Informal and Interpersonal, e.g. some replies can be addressed by name to the person who submitted the question and/or be in the second person. For questions 4 and 5, the answers should be softened to take into account that the persons are relatives of the person submitting the question.

If candidate has scored less than 9 for content, they should not score more than 3 for presentation.