

Key Skills Communication Level 3 Drugs in Sport Final Mark Scheme

Part A Short-answer questions

Q1 Using information from Documents 1 and 2, identify four harmful physical effects of taking drugs on an athlete's body.			
Criteria	Marking Guide	Marks	Max Marks
3.2.1	Candidate has selected and used information from Documents 1 and 2.	1 mark	1 mark
3.2.2	Candidate has identified four harmful physical effects of taking drugs, eg <ul style="list-style-type: none"> a) athletes can become faint (Doc 1) b) pounding hearts (Doc 1) c) abnormal body growth (Doc 1 & 2) d) athletes might die young (Doc 2) e) deformity of the body (Doc 2) f) athletes' organs might continue to grow (Doc 2) g) women athletes may develop male features (Doc 2) h) liver or heart complaints eg blood thickening (D 2) i) gynaecological problems including birth defects (D2) j) tendency to violent behaviour (Doc 1& 2) Accept any other valid effect.	1 mark per effect (max 4 marks)	4 marks
Total for question			5 marks

Q2 Using Documents 1 and 2, identify two problems with drug-testing procedures and assess the importance and effectiveness of drug testing in sport.			
Criteria	Marking Guide	Marks	Max Marks
3.2.1	Candidate has selected information from Documents 1 and 2.	1 mark	1 mark
3.2.2	<p>Candidate has identified two problems with drug testing procedures, eg</p> <ul style="list-style-type: none"> a) athletes have learned how to take drugs so they don't show up in tests (Docs 1 and 2) b) inevitably the testers are always one step behind the cheats (Doc 1) c) the drug testing system does not have the respect of all athletes (Doc 2) d) the testing system is unreliable (Doc 2) e) there has not been sufficient scientific research (Doc 2). <p>Accept any other valid problem.</p>	Up to 2 marks	2 marks
3.2.3	<p>Candidate has provided a valid assessment of the importance and effectiveness of detecting drugs in sport. For example, if it is not possible to test accurately for drugs, the dangers are that some athletes will get away with taking them. It is also important that drugs are detected so that athletes are deterred from taking them because they can be very harmful.</p> <p>Accept any other valid assessment.</p>	Up to 3 marks	3 marks
Total for question			6 marks

Q3 Identify the meaning of the cartoon in Document 1 and consider to what extent it supports the arguments made in all three documents.			
Criteria	Marking Guide	Marks	Max Marks
3.2.2	<p>Candidate has identified the meaning of the cartoon in Document 1, eg</p> <ul style="list-style-type: none"> a) the athlete hovers above ground because he has been taking drugs b) drugs are used to help some athletes win medals. <p>Accept any other valid meaning.</p>	1 mark	1 mark
3.2.3	<p>Candidate has considered to what extent the cartoon supports the arguments made in all three documents. For example, the cartoon supports the view of Document 1 that there has been an increase in cases of athletes taking drugs to improve their performance. Document 2 states that there has been an increase in drug testing, and some of the procedures are flawed, as suggested by the cartoon.</p> <p>However, the cartoon says nothing about the harmful effects of drugs that are outlined in all three documents, or the issue of genetic engineering that is discussed in Document 3.</p> <p>Accept any other valid explanation.</p>	Up to 4 marks	
Total for question			5 marks

Q4 Using information from Documents 2 and 3, identify two positive uses of genetic engineering and two positive medical uses of drugs. Assess the extent to which the use of genetic engineering in sport is different from the use of drugs.			
Criteria	Marking Guide	Marks	Max Marks
3.2.1	Candidate has selected information from Documents 2 and 3.	1 mark	1 mark
3.2.2	Candidate has identified two positive uses of genetic engineering, eg a) cure or prevent disease (Doc 3) b) overcome congenital diseases eg asthma (Doc 3) c) making animals stronger and leaner (Doc 3) d) stimulate muscle regeneration after injury (Doc 3). Candidate has identified two positive uses of drugs, eg e) hasten recovery after injury/illness (Docs 2 and 3) f) treating deficiencies (Doc 2 & 3) g) delay the onset of fatigue (Doc 2). Accept any other valid positive use.	1 mark for each use (max 2 marks) 1 mark for each use (max 2 marks)	4 marks
3.2.3	Candidate has assessed the extent to which genetic engineering is different to drug taking in sport. For example, because it uses natural processes, genetic engineering is harder to detect than drug taking. However, both are similar in that it gives athletes an unfair advantage and uses scientific research and technology. They both also have harmful effects on the athletes. Accept any other valid assessment.	Up to 4 marks	4 marks
Total for question			9 marks

3.3.3	<p>Band 1 The candidate spells, punctuates and uses grammar with reasonable accuracy, eg</p> <ul style="list-style-type: none"> • the spelling of simple words is usually accurate • full stops and capital letters are accurately used to demarcate sentences. Commas in lists are used accurately. • there may be some grammatical errors, eg confusion of pronouns, tense and some lack of cohesion. <p>Band 2 The candidate spells, punctuates and uses grammar with considerable accuracy, eg</p> <ul style="list-style-type: none"> • the spelling of words with complex regular patterns is usually accurate • a range of punctuation including commas, apostrophes and inverted commas is used correctly to mark sentences and clauses • the work is mostly grammatically accurate showing that the candidate can construct complex sentences accurately, use pronouns so that their meaning is clear, makes accurate subject/verb agreement and uses tenses accurately and consistently, although there may be occasional errors of sentence separation. <p>Band 3 The candidate spells, punctuates and uses the rules of grammar with almost faultless accuracy, eg</p> <ul style="list-style-type: none"> • virtually all spelling, including that of irregular words, is usually correct. Any errors stand out as untypical or ‘one-off’ slips • punctuation is accurate and is used to vary pace, clarify meaning, avoid ambiguity and create deliberate effects • grammar is accurate and gives appropriate variation in sentence structure. 	1-3 marks	
		4-7 marks	
		8-9 marks	
Total for question			9 marks
			25 marks