



Examiners' Report June 2013

GCE Physical Education 6PE03 01

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Introduction

Candidates who entered the 2013 A2 Level Physical education examination produced answers of a comparable standard to those who sat the examination in previous years. There were some excellent candidates who achieved high grades, showing an in-depth learning across the specification, using well-reasoned arguments supported by relevant and often contemporary sporting examples.

Although in the extended answers too many candidates still tended to write standardised "descriptive" answers, simply repeating all they knew about technology in sport and environmental factors. This approach was no more widespread than in previous years but it does reveal a lack of confidence on the part of candidates who have spent many hours learning the PE specification, but lack sufficient belief in their own ability to apply it. Candidates need to remember the relative weight the extended questions carry on this paper, particularly during their preparation for the examination.

Answers incorporating a "write all you know" approach, especially in the sports psychology questions, earn limited marks, so the candidates need to focus directly on what is asked in the question, in order to provide a relevant answer. It follows that candidates should read the questions carefully, work out what the questions demand, plan the answers meticulously and write responses which demonstrate that they have read the question and selected a range of sports examples that are relevant only to that question.

Question 1 (a)

There were a variety of responses seen for this question, with the majority of candidates able to access the full marks available. Those who did not score well, were those who just listed factors, without offering any reasons.

Few candidates mentioned the need of fuel replenishment post exercise. If hydration and protein were mentioned the candidates scored easy marks but these were often forgotten.

Elite performers often manipulate their diets to maximise athletic performance.	
(a) Outline four factors an athlete must consider when planning their diet.	(4)
Carbohydrate intule & - if the athletic performer is	ezztőtőt+eyephhyppxittletesepe
training for an aerolaic event carholooding would help	in militari Maria ini Maria ini
stemine and ATP- regeneration over a dosed long duration hue	to
supercompensation of glycogen stones.	
(HO intula ofter exercise by some prevally inthin 15 mins)	1 to
replanish alyxon stores most efficiently.	
Protein inteles - especially important for anceropie alletes .	
it aids in growth and oppoir which is the nain as	
for anserohic athletes.	
Athers All athletis especially aeropic athletes should stay by	Insted
with the use of instance york drinks and as nature	***************************************
Aerohic athletes should try to heep fut intule relatively low	EE1332333-+-6/EECECETT333333/AAA46



A good answer that scores the maximum 4 marks. This candidate has outlined four factors linked to the planning of a diet prior to performance.

1 Elite performers often manipulate their diets to maximise athletic performance.

(a) Outline four factors an athlete must consider when planning their diet.

The athletes diet must be balanced in other words meaning they should make sure they are ingested balanced amounts of all good groups. However, when planning their diet it should be specific to their sport for example a long distance runner may ingest more cartchyptrates to after glycogen levels. Athletes should make sure their calorisic intake is around equal to their calorisic expenditure depending again on what they want from their diet.



Only 1 mark was awarded for this question.

The first point relates to a balanced diet which is more of a long term concept. The second point related to carbohydrate level linked to intensity of exercise and was awarded 1 mark. The same point is repeated in the final sentence.

Question 1 (b)

This proved to be an accessible question, with many candidates scoring maximum marks. Popular responses included protein supplements, creatine supplementation and carbo loading. Some candidates even wrote in detail about sodium, ginseng and caffeine.

Marks were lost for listing and explaining drugs such as steroids and beta blockers, and other banned methods of performance enhancement such as bloop doping.

(b) Many elite athletes use supplements to optimise their performance.

Identify four types of supplement athletes use and explain how each benefits performance.

(8)

Carbohydrate loading, by eating lots of Carbohydrate foods before an event and teaching the body to not slove as fat. A technique used by marathon runners to give them work energy to compete. Pasta parties' would happen before events but this was proved to Cheating loading controlled the loading thus way in advance does.

Creatine bodding, creatine can be taken in pawder or tablet form and helps increase muscle shrength. This can help for sports such as Weightlijting and body building but will not have any expect on long distance numers or swimmers as it increases water retention.

Drinking the 3 types of army hypertonic, isotonic or hypotonic depending on unicotore you need will help increase performance. For example y blood fluid levels are low drinking a hypotonic denimination will increase these levels giving the performer more energy to perform.

Increasing from levels was by increasing from levels in the diet can also help with performance. This is because if there is more from in the blood oxygen who bear oxygen to the respiring ceus quicker passing more oxygen to the respiring ceus quicker, reducing the time before fatigue occurs.



This candidate was awarded 6 marks for identifying four types of supplement but only explaining two of them.

The marks were awarded from points 1, 2, 3 and 7 of the mark scheme. 1 mark for carbo loading but as there was no link to performance, no mark could be awarded for an explanation 1 mark for creatine load; the answer was vague on any link to performance 1 mark for isotonic drinks and 1 mark for maintaining fluid as an explanation

1 mark for link to iron tablets and 1 mark for the link of an increase in red blood cells



Candidates should provide an answer that matches what is asked in the question. When structuring a response it is good practice to use a separate paragraph for each point being made.

- (b) Many elite athletes use supplements to optimise their performance.

 Identify **four** types of supplement athletes use and explain how each benefits a dictory performance.

 (8)
- · Dunetics to losse weight e.g. in boxing people may lose it to drop a weight category to increase their chance of winning
- · Stimulants endurance athletes may use stimulants to energise themselves for larger.
- · Blood doping for endurance athletes to increase number of red blood cells and consequently deliver more oxygen to working muscles
- · Beta blockers can be used to calm amiltes down and to stap them from shaking Generally used by darts players



This answer was awarded no marks. The candiate has focused on banned drugs and illegal methods, none of which are supplements.

Candidates found this a straight forward question to answer with most candidates achieving maximum marks.

The definition of choking appeared to be well-known and many candidates were aware of a range of strategies.

2	'Choking' is	a term ı	used in shor	t-term	osycholog	gical preparatio	on.	
	Define the to performers		_	uggest t	:hree stra	tegies that can	be used to help	
	Choking	is	definel	<u>45</u>	9.n	athletes	inasility	ho
.,	perform		Sikuakio	as	Likh	alor of	pressive.	
********	Self talk	, ths	is	g	₽5ivæ	vey o	F Colming	Ke
	Qestormer.	бу	lelling	him/	her n	o that	they are	gool
\$41,753	ensugh.	(111/0-110)111/1111		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	brange	Ah Pasikise	i magne Managi	Men n > 5	Linni	og Ke ensowazen	Campekirion k	
							on) Canha	
l								



A maximim of 4 marks were awarded for this candidate's answer. 1 mark for the definition and then three strategies 1 mark for self talk 1 mark for visualisation 1 mark for relaxation



This answer is well structured, formatted clearly and easy to follow.

The best candidates scored maximum marks on this question, mentioning points 1, 2, 4, 6 and 7.

The better candidates were able to include point 5 as well. Some candidatess just mentioned crowds and winning, with vague definitions.

3 Explain what is meant by the term 'home advantage' and outline its potential effects on performance.
Home advantage is key in Sport. Research Shows that a
bean bill the 54 - 65 % of gones at Home.
In Sports Such as baskethall the proximatey effect
is a factor, this is there the exact is
very close to the action and has a big influence.
The Good con provide motivation for a beam or
e Specific player by saislog Noise leads and
graviding posistive work of Encouragement.
The occount can also make a bear or a Specific
Partormer nervous and course them to make Mishaker
thanghout he gome.



This candiate was awarded the maximum 4 marks.

1 mark is given for the explanation of home advantage and the three effects:1 mark for proximity effect 1 mark for positive encouragement from crowd 1 mark for crowd causing nerves.



Some candiates did not achieve maximum marks as they did not explain what home advantage was and only talked about effects in their answers. Remember to check that you are answering the question set fully.

This question was answered well by the majority of the cohort. Those candidates who underperformed only identified three potential benefits, without providing an explanation.

4 Identify and explain three potential benefits of performers wearing compression clothing.
One benefit is it opens up blood vessels
one benefit is it opens up blood vessels to muscles working muscles which
demand a general Hood. This helps
because oxygoratal blood flow to
working muscles is quicken and rids
useste products and lactic acid from
the body more quickly to improve performance,
Another benefits because the musdes can
noork for longer at a greater effort.
Another benefit is it reduces the risks
of & DOMS (Delayed onset muscle
Soreness) ces moste products ore
removed therefore the performers
Satigue period is reduced and has
a shorter recovery process enabling
the performer to train / compete in storter
intercouls.
one lost benefit is a psychological
one where if a performer believes
he has superior dothing to his/her
rivate and opposition their performance
is most likely to be orhanced as



This is a strong answer that was awarded a maximum 6 marks.

Marks were awarded as 1 mark for blood vessels dilating which delivers oxygen 1 mark for getting rid of lactic acid 1 mark for reduces DOMS and explanation it reduces fatigue 1 mark for the psychological benefit.

4 Identify and explain three potential benefits of performers wearing compression clothing.

One benefit is that it improves thermoregulation,
Which allows the body to remain at a constant temperature
so #9 performers don't over heat, or get too cold. Compression
clothing also wickes away sweat, which shops body
parts from becoming cooler than others and having
temperature imbalances in the body. It also causes
muscle asolation which aids the blood flow throughout
the body which allows to blood to reach workeng muscles
more efficiently.

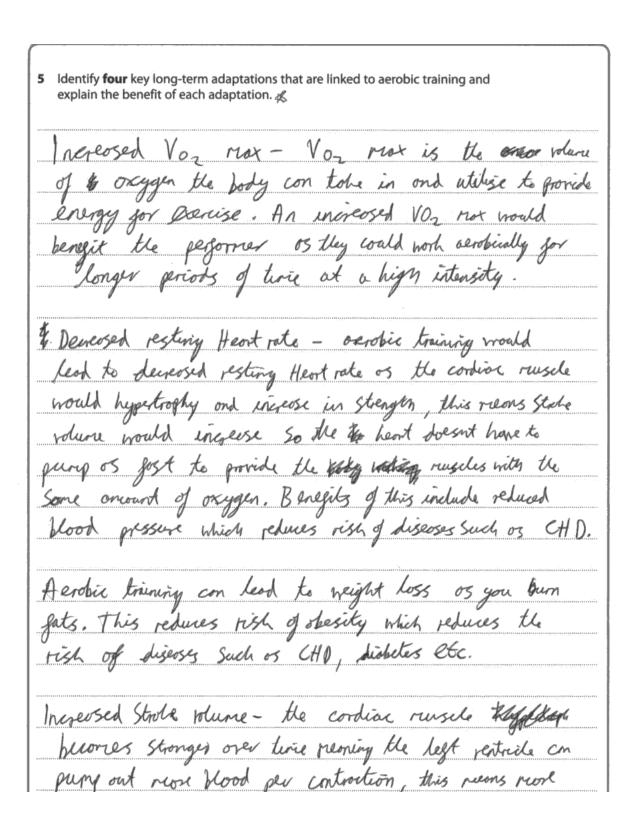


This was a weaker answer that was only awarded 2 marks

I mark for thermoregulation and I mark for the explanation

The candidate makes reference to 'muscle osolation', however this is vague and was not awarded any marks.

Candidates found this question accessible, with points 1, 2, 3, 4, 6, and 10 from the mark scheme being the most common answers.





A maximum 8 marks were awarded for this answer. Points awarded from the mark scheme were 1,4, 6 and 8.

The candidate successfully identifies and explains four adaptations. 1 mark for increased VO2 maximum and explanation 1 mark,

- 1 mark for decreased resting heart rate and explanation 1 mark,
- 1 mark for weight loss and explanation 1 mark,
- 1 mark for increased stroke volume and explanation 1 mark.



Look for 'and' in questions as this will mean there are at least two parts to the answer.

s Identify four key long-term adaptations that are linked to aerobic training and explain the benefit of each adaptation. As aerobic training works with oxygen, the body will be working at word 65% intensity, this means the following adaptations will eventually occur:
An increase in 102 max, the benefit to this is that the body will be able to work with more oxygen during each individual act of respiration.
Increased red blood cell production, this means that grates around of oxygen and be transporting around the body.
Myroved Vascular Shunking-Blood can be delivered more efficiently to the murder that are working or that point.
Increased mitochondria count-As this will have expanded, a greater amount of oxygen can be facilitated within the lungs.



This answer was awarded 6 marks. The candidate has identified four adaptations but only fully explained the benefits of two of them.

- 1 mark for VO2 maximum increase but vague explanation 1 mark for increase in red blood cell, 1 for explanation.
- 1 mark for improved vascular shunt, 1 for explanation 1 mark for increased mitochondria, but vague explanation.

The definition of ritual appeared to be well-known and all points of why ritual is used were mentioned by candidates. Many candidates scored at least 4 marks.

				n 'ritual' in s preparation		ive four re	asons wh	y so ma	ny
ħ	Ritural	\.5	a type	oe	Pce	garre	Roavine	k.hal	
.`\\$	dore	ka	he/p	14 00	ремент	Prefere	***************************************	*********	***************************************
									may
									Years
.	Ritual	is	a	NACY	e ba	Spect	onl		
							¥,	4	Coach
'mJ	Me				***************************************	*************************		***************	***************************************



- 4 Marks awarded.
- 1 mark for definition
- 1 mark for cohesion 1 mark for heritage
- 1 mark for respect

Question 7 (a)

Candidates who understood this question often scored the maximum 6 marks. However, there did appear to be some confusion about what the three areas of sports science are.

The mark scheme allowed for a number of roles under the physiological heading.

7 Sports science is now an essential element in the support of elite athletes. (a) Suggest and describe the three types of sports science support that elite sports systems provide for their athletes. (6) The first the type of 8 ports science support is the use of dietions and Life planners. They are there to plan the orthlets diet about what and when to eat it and to plan and help them with day is because of how hard it is with all the steep that they have to do Another is preperation training camps which would have the and training facilities and technology to use mon monthes en and vance every / competion. The final Which an athlete would use a few event. This would have the athlese does downt event.



This answer was only awarded 2 marks. The candidate did identify 'Dietician' and described the role, but the other points were too vague or not related to specific sports science discipline.

- 7 Sports science is now an essential element in the support of elite athletes.
 - (a) Suggest and describe the **three** types of sports science support that elite sports systems provide for their athletes.

(6)

They would provide nutritionists who would work with them on creating mean plans and creating diets that would be suitable for each videvidual athlete union can cater for every need coming up to an important competition. The athlete and numbronist would work together to create healthy mean plans ensuring a wide variety of numents including vitamins and minerals are included.

Podietnist would be provided to help look after the athletes feet. They would ensure that their shoes are fitted properly ensuring that avery slim chance damage to could occur to the heals or ankles. They would also make sure that everything is right with the feet such as busites or ingrown to enails which could eyer the athletes performance.

Sports psychologists would also be provided to ensure the athlete is mentally were analcan

help provide techniques to reduce anxiety or Spress that may occur leading up to a major event.



This candidate was awarded a maximum 6 marks - three sports science types were suggested and the roles fully explained in supporting elite athletes.

Marks were awarded as follows:

1 mark for nutritionist and 1 mark for description of support 1 mark for pediatrist and 1 mark for description of support 1 mark for sports psychologist and 1 mark for description of support.



Again this is a question with two parts to each answer and this candidate has clearly structured their answer to show the three types of sports science and then described the role they play in supporting elite athletes.

Question 7 (b)

Of all the questions on the paper, candidates found this one the most challenging. Few candidates answered the question as intended, and those who did scored well.

(b) Suggest reasons why sports science support is now so important to elite performers. (5)
Defresson why it is so important
à because il provides a voy of
increasing performance where it use to be
impossible to develop every little defail such
as using dartfish to see samming
dives, free sichs, golf swings et.
It is also now so in portant because
it helps develop learn games from the
use of software such as & prozone.



This is an example of a weak answer that scored no marks. The points made by the candidate are vague and unsubstantiated.

(b) Suggest reasons why sports science support is now so important to elite performers.

(5)

There has been continual development personance within moder caning difference between success failure con mean 100th of a second Competitive advantage over countries covert in sport countries much also look to Science to create as playing held. Rewards within recurrence ab competitions are also peromes Mhibut The use Success in global sport is seen as a shop window' Part Science is important to outcompete othe performers creating an edge on other Countries. It allows elite athletes to compete at their



This was a better answer scoring a maximum of 5 marks.

1 mark for 100th of a second between success and failure 1 mark for competitive advantage 1 mark for rewards 1 mark for shop window effect 1 mark for injury reduction.

Many candidates just described the use of technology, without relating their response to monitoring and training being used in the short and long-term preparation phases. Therefore they were not able to access the higher marks available and these were only achieved by some of the candidates.

*8 Discuss the role technology plays in monitoring the training of elite athletes in both short and long-term preparation phases. so much over the most recent rate monitors have been developed levels of Francis perform on the edg maximusing performance levels. longer positive exect on how hard heart is having to work at particular Their mevements doung an performer and screen altering process performer to see whether sha see Whether Changena wrist at the point of releasena

benefit the accuracy, pace or movement each but wall be getting, so they could take these adjustments and from Practice, and apply them in a match Situation & www.manada Pedometers are also a type of agrupment that are being used - particularly by marathum or long distance ninners, to measure length of Stride This again is to see Whether this is something that could be changed to make the movement more efficient Longer strides would obviously mean less in total, but This could then use more energy than reeded to do. The pedometer would be used in training to help find tho optimum stride Centh for that individual. In the strong term, technology such as hypoxic chambers have been developed for use in compute conjunction With braining. These chambers are for athletes to seep in a low oxygen environment. This means the body should adapt accordingly, and produce more red blood alls. This has been developed so that the athlete our become used to a particular environment turing training, therefore potentially helping in a competition There is now a book and number that the have recently developed - and Addas have done so also-That enables a performer to wear These Football

Afterwards & murachip while training and Afterwards & this chip is uploaded in a computer and its provides a range of Statistics placed from that session. This would give the both the performer and coaches a list of a players Strengths and weaknesses that this chip is able to monitor changes over a fenod of time, as all of the data is logged and can be reset each time its is well.



This answer was awarded 9 marks (Level 3).

The candidate does not develop the points made fully. It is mainly training based with limited reference to monitoring. The answer does try to split long term and short term phases but there is no real analysis and no conclusion.

Relevant points are supported by some examples but these are only partially developed.

A basic structure is evident, although there is no plan and there is some incorrect use of terminology.

There are some errors in spelling, punctuation and grammar.



The mark bands also include Quality of Written Comunication (QWC) characteristics and these are taken into consideration when the examiner is making a judgement on the mark to award a candidate's answer. Please make sure your writing is legible, and that your spelling, punctuation and grammar is accurate so meaning is clear. You should also ensure that technical terms and specialist vocabulary is used in context.

*8 Discuss the role technology plays in monitoring the training of elite athletes in both short and long-term preparation phases. Technical Psychological Ket + equipment - Usedenvater headnill visual auvareness tacher, performance - DARTFish, Prozone Rough, imagent, pre same routine, mental preparation. HR monitor DRI Fit - Kit Ice boths, Ice verts adeladara Relaxation Toesfootinal performan counter argument physical Periodisation
Holding compressor sport contacts
Ergosent Aidr, isomer supplements
Compressor holding In both that thoughtern, since lar. charge of coachy tean. rely on technology, aids nultipliets, scientists - hyponic changes. Technology has a major impact on sports and can be used for both short term and long term preparation. There are 3 major sections taken indo account when planning and performing, these are technical, physical and psychological factors that are often used for both short and long term peparation. Physical factors can often include periodication and macro ciples, meso ayder and micro cycles. However this the cycle wed would charge depending on whether the training is short or long term. For example, macro cycles for long-term preparation and micro cycles for short term preparation. Periodication enable the athlese to carefully and accordingly plan out any training or elements for improvement. If it is long term they can develop skills and tachics and work on any arear for improvement. Short term preparation is used to focus on the techniques and being alle to develop and progress a certain area needed for an event or position. Long term training can be linked to sport institutes where attletes are offered the very best coaches,

Sports science, newlitonists. As this will give the opportunity to maintain and sustain training too Short term preparation, attletes are held into a holding camp located close by to where an event taker place. This allows the athlete

to from on the track they will be perforing on technical factors can include DARTFISH or Prozone this is specialised equipment used to analyse tactics, performance and areas of improvement nitred by the hunar eye. Tot example, Tennis. The technology will be able to record whother the ball is in a out other technology includes xit t equipment, for example as Underwater treadmill may be used to keep an athlete exercising, but will not cause any putter injury or put presure onto the injury. This helps to stop finess from deteriorating and allows the athlete to still train. Specialised kit includes DRIFIT, ice verts, there is a fire line however to whether having thur type of but is classed as cheating or not as they are wed to help aid an addetes performance. A more regular use of equipment + technology would be HP months and specialized Sports equipment used to track distance, speed, time, HR and calinies During long term preparation as attrete nil tain at altitude this adapts and aid training as it will require taking in less Oz and being able to All cope will the demands of exercise. If this is not possible many attleter his use hypoxic charber in short term preparation and long term preparation to train at affectuate and sustain exercise whilst acquiring less oxygen. Physical factors include the use of ergogenic aids such as supplements and isotonic drinks wed to help aid an athletes performance (performance enhancing) often fectors include carto-loading, sodium loading and creative loading. Wed to develop

energy, the PC System enzymes and other body systems to enable an athlete to maintain energy for larger psychological preparation includes the zone of optimal performance, nituals, pre-game to while, visual awareness and relaxation Although there is no technology involved, all are used for both short term and large term preparation in preparing an athlete both physically and mentally.

Anywhere against technology and how it is used within

Sport include, the fire between woming and loving than alleter what to win. The success and thosomor honour it brings and the money involved with wining. The need for the stronger and endorsements also associated with success. Means alleter will do whatever it taker to achieve. Some technology used can be seen as cheating, people no longer play sport out of fun, always booking for new rewards, drugs, aids and technology and those to overcome appoints. Most achietes t teams now RELY on technology and factors can account for both short term and long term preparation. Technology isn't just used to monitor performance /training for one athlete, it is also used to monitor other teams and apponents performances.



This is a stronger answer which was awarded 15 marks (top of Level 4).

It does attempt to answer the question set, developing a discussion of the use of Technology in some elements of both short and long term preparation.

There is some evidence of analysis and debate, although this still lacks depth and balance.

The answer makes an attempt to address the key issues raised in the question and there is an obvious attempt to structure the answer with sound use of terminology. Generally clear and concise with limited inaccuracies. Satisfactory spelling, punctuation and grammar.

Candidates were able to discuss climate, altitude, surface and time zone in their answers. Where marks were limited to the lower level, the answers were superficial and lacked the scientific depth to explain the impact of environmental conditions.

More able candidates were able to develop debates about the fact that there are so many environmental factors that may need to be considered. Athletes and their support teams need to be able to make judgements about which environmental factors they have most control over or which may have the biggest impact on performance in that particular time or location.

*9 Discuss the environmental factors that influence preparation and competition.
Plan- playing surface, word, heat, ran, hamidity-
auchnotisation, altitude, audience, luck
Counter - talent should prevail insufficient preparation?
Counter - talent should prevail, insufficient preparation?, out of players control, auchenie should be predictable.
When preparing for and competing in events, environmental
for how have a huge impacts impact on end results.
In preparation for sporting events, the should always time
Should always be allowed for acclimatisation to occur.
Acclimatisation is the time taken to adapt to a new
environment, which is usually 10-14 days If this does not
happen, performance can greatly sufter. This was proven by
British heavy weight boxer Lennox Lewis. He was let
to fight in South Africa and was heavy for Favourite.
However, he only allowed himself Seven days to acclimatise,
so in the light he became hard very quickly and lost
the world little, because he had not acclimatised. Some
would argue that talent should prevail, to but this
is not true as his body had not physiologically adapted to
its new anvanuat and could not optimally perform
Another on similar environmental factor is altitude.
Altitude training can be used in preparation for an event

For Mree key cases It can be used to prepare for an event at altitude, . to bring about physiological adaptations

and to help athletes maintain litres when recovering from injury. This is a popular method of preparation, and 15 widely used. However, it could be argued it is highly unnecessary & as attletes at an elite level could simply use a hypoxic chamber to avoid changing location. Despite that argument it is still regularly used and is very popular among athletes who cannot access a hypoxic chamber. The playing surface being used is another environmental factor that affects per for mance. This has been exhibited by Rabael Nadal who has won none French Open titles than amyone in history, award this is largely down to it being played on clay Mowever, playing surface is somewhat controversial as it can simply be combutted by having on the playing surface you will be competing on, to become more competent on it. Weather conditions and climate are also environmental Eactors that in thence performers. Wind is a very ungrate unpredictable concliner as it agent can't be braised for, to an extent. Artificial methods such as kind hurrels can be used, however, they do not account for & factors such as sudden gusts or vorying strongths, which are a regular problem in cycling. Heat and humidity can also be problemente to performers. This i being shown in Goodball, as some officials are campaigning for & the 2018 world cup in aatar not to be held in the summer as

It will be too hot. However, when travelling to compete In a hot location on the summer it can easily be predicted. As ducused before, as long as performers are allowed an adequate acclimation period, no problem issues should arise.

In conclusion, in some cases, environmental factors such as wind can't be predicted and are very difficult to prepare for, so a slight dictine in performance is to be expected. However, it is a unjust for performence is to be expected. However, it is a unjust for performence to blame factors such as heat and altitude on a decline in performance, when it could have easily been prevented through correct preparation. Overall, environmental factors can the inthience performance, however, through thorough preparation, these can usually be series combatted.



A good answer scoring 17 marks (Level 5).

The candidate has developed relevant discussion and supported points made with specific and contemporary examples. The topic is maintained, has a conclusion and evidence of planning. The candidate does start to develop a counter argument, but this needs to be expanded to push the answer into Level 6.

*9 Discuss the environmental factors that influence preparation and competition.
Their are a Variety of environmental
factors that in pluence preparation
and Competition.
Humidity Can Influence preparation and
competition due to heat exposing the
body and causing the body to tyre
glot quicker than usual which, would
have a negative impact on performance
Clarate can also be a buse last and
Climate can also have a huge Influence
on preparation and competition. Climate
contains a few factors such as wind
which can give teams a competitive
advantage for example going against the force of wind would be a lot
the force of wind would be a lot
more difficult compared to, having
the Wind with you as, for example,
in football the ball would travel
alot further and faster.
Playing surface 15 another environe-
ntal factor that Influences Preperation
and Competition. Again, for example,
a da Ditch in contrall my load
a dry pitch in sootball may lead
the ball to roll alot Slower and,
bounce unexpectibley. Therefore, the
Short term preparation will need
to focus on that expect by adopting

The Surface, the team who another factor 15 training Competition. above leve Usea Can Cause dehydrate USITLO train This



This answer scored 8 marks (top of Level 2).

The candidate does make points on a topic but does not develop them. There is no conclusion and no applied examples. Detail is limited, rather superficial generally and does not address many parts.

Paper Summary

Based on their performance on this paper, candidates are offered the following advice:

- Read all the questions carefully and plan your time in the exam to ensure that you fully complete all the questions
- Recognise that the questions marked with a * will also award marks for your quality of written communication
- Questions that contain an 'and' will require at least two parts to your answers
- Check that you are confident with all the terms, phrases and concepts set out in the specification for Unit 6PE03
- Ensure that you are making enough points to match the marks available

Grade Boundaries

Grade boundaries for this, and all other papers, can be found on the website on this link:

http://www.edexcel.com/iwantto/Pages/grade-boundaries.aspx





