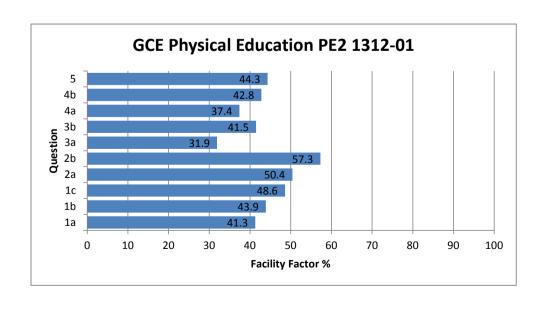


WJEC 2014 Online Exam Review

GCE Physical Education PE2 1312-01

All Candidates' performance across questions

?	?	?	?	?	?	?	
Question Title	N	Mean	S D	Max Mark	F F	Attempt %	
1a	965	1.2	0.8	3	41.3	100	
1b	965	1.3	1	3	43.9	100	
1c	965	1.9	1.1	4	48.6	100	\leftarrow
2a	964	3	1.6	6	50.4	99.9	
2b	965	2.3	1.2	4	57.3	100	
3a	963	1.6	1.1	5	31.9	99.8	
3b	964	2.1	1.2	5	41.5	99.9	\leftarrow
4a	965	1.5	1	4	37.4	100	
4b	965	2.6	1.3	6	42.8	100	\leftarrow
5	965	4.4	2.4	10	44.3	100	



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(c) Increased capillarisation of muscles is a long term adaptation of Fartlek training. Explain how this adaptation could help develop sporting performance.	Exami only
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also help speed up the removal of woste products	
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(c) Increased capillarisation of muscles is a long term adaptation of Fortland to increased	Exami
Explain how this adaptation could halp develope in adaptation of Fartiek training.	[4]
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(c) Increased capillarisation of muscles is a long term adaptation of Fartlek training. Explain how this adaptation could help develop sporting performance.

[4]

Capillansation around the muscles will increase the blood flow, rich with oxygen to the working muscles. This will enhance sporting performance as an athlete will benefit from a ligher volume of oxygen sich blood a Shorter time period This blood rich in basmoglobia the muscles quickly and mycalobon helps to exigen quikly - thus providing the as the mitochondnes provides Gloscoph the consumption of oxygen This process would not be as fluid if there were a lack of capillages blood, therefore increased capillarisation enhances this process Therefore, a sportspessor would be able to use their muscles for a longer period of time when performing e.g. No Farah will have an extensive corpillary system which enables hum to Fun for long periods of time with an efficient flow of oxygenated



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Examiner only

(c) Increased capillarisation of muscles is a long term adaptation of Fartlek training. Explain how this adaptation could help develop sporting performance.	4]
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So a larger volume of oxygen would be able to be delivered quicker	
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This would enable the sportsperson to work aerobically for	
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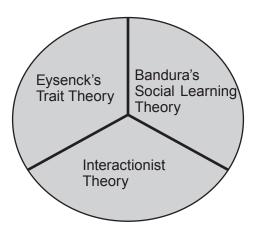
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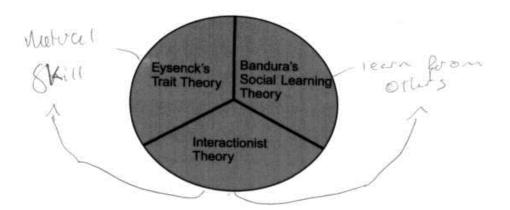
Examiner only

Personality Theories



(b)	Using sport.	the	diagram,	discuss	how	personality	theories	attempt	to	explain	behaviour	r in [5]
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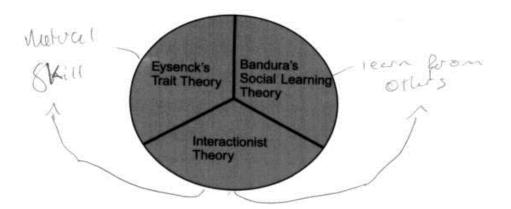


(b) Using the diagram, discuss how personality theories attempt to explain behaviour in sport.
[5]

below our is pla rack predictable by their natural traits and Skills that they have in their genes Eysence Suggests that these traits are the Randation of all be harrown what is displayed in sport. Bondwa's social learning theory suggests that the type of sport someone spes into as turefore what type of people socialise than is the main factor as to how someone believes in sport for example if someone starts off flagging the soft is sport where if someone starts off flagging the soft is sport to every end of playing rights upon will most there are so your social sections. Sport social sections where you are the original social characteristics showing through and being the golf and anticolor than and anticolor the social sections and anticolor than so seed to be aggressive and continued thousand the golfing influence may create better assistance on the

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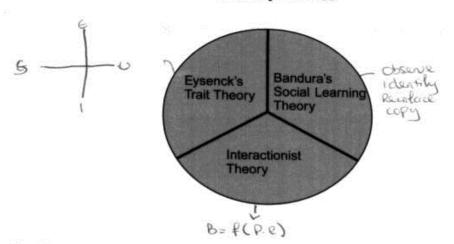
Personality Theories



(b) Using the diagram, discuss how personality theories attempt to explain behaviour in sport.
[5]

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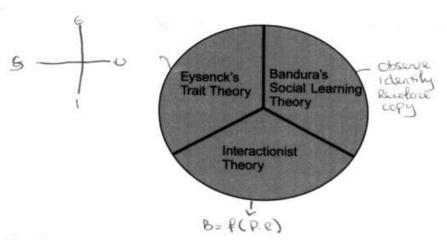
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(b) Using the diagram, discuss how personality theories attempt to explain behaviour in sport.

Eysence's trait theory between states that one in bon with their personality of is were innate Eusenite behined that behaviour in sport is unchangeable and on individual is Hour things, a stable lunsable extraort or introvert Eysenik would claim that stable extraorects are more accustomed to term sports sports, bandwa's social learning adopts their behaviour through expenence, his State theory. He believed individuals copy what they are subject to and behave according Home an aggressive parent, become aggresively tehaned on gert. Finally, Lewis interactionist theory believed that the ear corment and individual in will change their behaviour the exemplified through Pornula - behaviour = Kinchen (personally x eavisament) this explains why an individual may be confident outside of a Sporting environment, but Shy and resented when in one

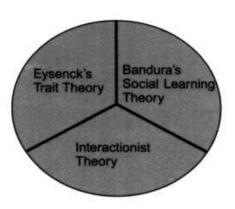




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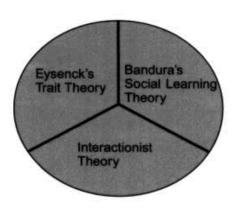




(b) Using the diagram, discuss how personality theories attempt to explain behaviour in sport. [5]

Bandura's social learning theory states that all behanour is sport is learned in Influenced by those around us In sport that would near your behaviour is affected by your team-nates, your worker and your opposition Eysench's hait theory suggests that you are born with your behaviour and it is something which is unate. In sport this would near all your aggression or lack of, comes from with in eighthin you and is not influenced by offices. The Intercurrentist theory is a mix between the two, some behaviour is learned and some a your are born with. In sport this would mean some attributed behaviour you learn from your peurs are people around you but there is still some values and is not learned and is not around you but there is still some values and is not themed and is not around you but there is still some values.





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(b) Explain how an individual's diet can affect both short and long term health. [6] Both An Irdinduals diet can appeal someone Short term by not providing them with chough energy to excercise if they durit ear well For Simple out complex corboliquetes are exercise one short term point would they don't eat enough fruit and regetables le digestion would be Slow which would stop the hitchins and mirerals from reaching the body in for esporting every this could lead to a popur wall perlie the expected and result. drop in performance. In the slort term too much food Which is high in suger could cause the body to become resistant to insulin out twefore in someone becomes diabetec. This will lead to long form obugues Of injecting insulin an non-turing blood sugar levels ther lives A long term problem conseed foor diet could be obesity as a foor alles eregy Salace A Su energy balence will lead to evertually objecting Another long * addition booker.



Examiner only



(b) Explain how an individual's diet can affect both short and long term health. An individual's diet must be balanced in order to ensure a nearthy likestyle Stort term effects of thet are improved by ensuring one has the current levels of carbotydrates protein and lats as well as minerals withours water and slows Cartahydrates boost glycogen Stores which in the short term impreves the ability to carry out everyday like as well as intense exercise. Also, Pats are important for lat soluble Such As A to be transported around the body for fundamental body functions However, high levels of saturated Pat and high in glocise autohydrates on the glycamic index an ause branklessness and an inability to perform long durations of exercise. long thim, a dut high in saturated lats accompanied with Smoking and alcohol can cause health problems how density Cipoprotein is a bad form of cholesteros due to a latty diet. and causes atteresteresis, which can lead to heart attacks Cit strokes due to the bold up of librars plaques in the aireval walls. Also, High our foods may provide energy short term but in high quantities can cause diabetes (type 2) where there is too much support on the blood, insula is no longer produced. However, vitemins and minerals Such as calcium have positive long term effects. Calcium recluces the clances of OSteoperosis by strengthening the home hissue.



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Examiner only

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