

GCE

Physical Education

Unit G451: An Introduction to Physical Education

Advanced Subsidiary GCE

Mark Scheme for June 2014

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All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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These are the annotations, (including abbreviations), including those used in scoris, which are used when marking

Annotation	Meaning of annotation
BP	Blank Page – this annotation must be used on all blank pages within an answer booklet (structured or unstructured) and on each page of an additional object where there is no candidate response.

Q	uestie	on	Answer	Marks	Guid	lance
1	(a)	(i)	 4 marks for 4 from: 1. Pivot / Gliding / Cartilaginous 2. Extension 3. Erector Spinae 4. Rectus Abdominus 	4	Mark first attempt onlyAccept1.2. hyperextension3.4. rectus abdominals (BOD)	Do not accept
		(ii)	 mark for 1 from: Multifidus / Transverse abdominus / Erector spinae / Sacrospinalis / Obliques / Rectus abdominus 	1	Mark first attempt only Accept 1. trapezius / latissumus dorsi	Do not accept abs / abdominals

Question	Answer	Marks	Gu	idance
1 (b) (i)	 3 marks for 3 from: The bridge compared to the handstand: 1. has more points of contact (on the floor) 2. has a wider or larger base or larger area of support 3. has a lower centre of mass or gravity 4. line of gravity at centre of base of support / line of gravity falls further within the base of support 5. line of gravity is easier to keep in the centre of the base of support 	3	Accept Opposites throughout 1. 2. 3. CoM for centre of mass/ shorter line of gravity=BOD 4.central line of gravity 5.	Do not accept
(b) (ii)	 (Description) Movement around a fixed point or axis (of rotation) / generated by an eccentric force or force that travels outside the centre of mass or gravity (Example) (whole body) a gymnast swings on or around the bar (part of a body) any mention of movement of a limb around its joint. e.g. lower leg rotates around the knee joint when kicking a ball arm action in front crawl around the shoulder joint (other) a bicycle wheel rotates around its axis 	2	Accept 1. 2. gymnast on the bars	Do not accept movement that makes a circle = TV without reference to an axis e.g. wheels on a bike / arm action in swimming / legs when cycling / somersault / spinning ball without reference to a sport e.g. flexion of the elbow on own

Question	n	Answer	Marks		Guidance
1 (c)	(i)	 2 marks for 2 from (At rest) 1. 4 – 6 l/min or lmin⁻¹ or litres/min or litresmin⁻¹ or l or litres 4,000 - 6,000 ml/min or mlmin⁻¹ or or ml (During maximal exercise) 2. 20 - 40 l/min or lmin⁻¹ or litres/min or litresmin⁻¹ or l or litres 20,000 – 40,000 ml/min or mlmin⁻¹ or ml 	2	Accept 1. 2.	Do not accept without units without units
1 (c)	(ii)	 4 marks for 4 from Conduction system should be considered in the correct order to gain marks. SA node or sino-atrial node or SAN initiates or sends an impulse this causes atrial systole or atrial depolarisation or contraction of atria blood forced or pushed or flows from the atria to the ventricles or out of the atria or through AV valves impulse travels to or is received by the AV node or atrio-ventricular node or AVN / AV node sends impulse impulse continues down the bundle of His and to the Purkinje fibres Causing ventricular systole or ventricular depolarisation or contraction of ventricles blood is ejected from the ventricles 	4	Accept 1. 2. 3. bicuspid and / or tricuspid vales 4. 5. 6. 7.	Do not accept pacemaker systole or depolarisation or contraction on own systole or depolarisation or contraction on own systole or depolarisation or contraction on own

Question	Answer Marks Guidance			
1 (d)	4 marks for 4 from		Accept	Do not accept
	 <u>external</u> intercostals contract diaphragm contracts or flattens (which) pulls or moves the rib cage up <u>and</u> out increasing the volume of the thoracic cavity or thorax or lungs 		 lowers ribs increasing size of thoracic cavity or lungs/ thorax / chest or chest cavity or rib cage / expands or increased area in 	increasing volume on own / creating more room
	5. decreasing the pressure within thoracic cavity or thorax or lungs / pressure within thoracic cavity is less than atmospheric pressure	4	lungs = BOD 5. decreasing pressure on own if linked to thoracic cavity or thorax or lungs referred to in pt 4.	decreasing pressure on own
	6. forcing air into the lungs / air enters the lungs		6. lungs fill with air / breathe air in = BOD	breathe in on own / reference to oxygen

Discriminators			
 At level 3 responses <u>are likely</u> to include: Detailed description of the receptors Detailed description of neural regulation of cardiac system Detailed description of neural regulation of respiratory system Inspiration and expiration Explanation of the effect on endurance performer 			
 At level 2 responses <u>are likely</u> to include: Satisfactory description of the receptors Satisfactory description of neural regulation of cardiac system Satisfactory description of neural regulation of respiratory system Reference to the effect on endurance performer 			
At level 1 responses are likely to include: • Basic description of the receptors • Basic description of neural regulation of cardiac system • Basic description of neural regulation of respiratory system • Little or no reference to the effect on endurance performer			

Question	Answer	Marks	Guidance
1 (e)*	Indicative content: Candidate responses are likely to include: (relevant responses not listed should be acknowledged) Numbered points = knowledge / understanding Bullet points = likely to be development of knowledge General 1. Neural control is under Autonomic Nervous System or ANS control 2. uses the sympathetic nervous system Receptors during physical activity 3. Chemoreceptors • detect increase in (pp)CO ₂ or carbonic acid or lactic acid or acidity • detect decrease in (pp)O ₂ or pH 4. Proprioceptors • detect (increase in) motor activity or movement 5. Baroreceptors • detect increase in blood pressure • detect increases in blood pressure • detect increased stretch of arterial or blood vessel wall • detect increased stretch of lung walls 6. Thermoreceptors or temperature receptors • detect increase in blood temperature Cardiac System 7. information sent to the CCC or cardiac control centre (in medulla oblongata) • impulses sent via the (cardiac) accelerator nerve 8. to increase the firing rate or stimulate the SA node 9. increasing heart rate (overall effect) 10. increases cardiac output or Q • Q = SV x HR / cardiac output = stroke volume x heart rate	10	

 spiratory System information sent to RCC or respiratory control centre (in medulla oblongata) (which) stimulates the inspiratory centre spiration) increased stimulation or force of contraction of diaphragm via phrenic nerve increased stimulation or force of contraction of external intercostals via intercostal nerve recruitment or stimulation of additional (inspiratory) muscles e.g. sternocleidomastoid or SCM or scalenes or pectoralis minor echanics of inspiration compared to rest) rib cage or ribs move up and out further volume of thoracic cavity increases further pressure inside thoracic cavity decreases further 		
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volume of thoracic cavity increases further		
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increases depth of breathing or tidal volume or TV		
piration)		
expiratory centre stimulated (by baroreceptors or stretch receptors)		
recruitment or stimulation expiratory muscles		
e.g. internal intercostals or obliques or rectus abdominus or transverse abdominus or abdominals		
echanics of expiration compared to rest)		
increases rate of breathing or breath frequency or ventilation rate		
erall effect)		
	more air rushes in increases depth of breathing or tidal volume or TV piration) expiratory centre stimulated (by baroreceptors or stretch receptors) expiration becomes active recruitment or stimulation expiratory muscles e.g. internal intercostals or obliques or rectus abdominus or transverse abdominus or abdominals echanics of expiration compared to rest) rib cage or ribs move down and in further volume of thoracic cavity decreases further pressure inside thoracic cavity increases further more air forced out	more air rushes in increases depth of breathing or tidal volume or TV piration) expiratory centre stimulated (by baroreceptors or stretch receptors) expiration becomes active recruitment or stimulation expiratory muscles e.g. internal intercostals or obliques or rectus abdominus or transverse abdominus or abdominals echanics of expiration compared to rest) rib cage or ribs move down and in further volume of thoracic cavity decreases further pressure inside thoracic cavity increases further more air forced out increases rate of breathing or breath frequency or ventilation rate erall effect) increases minute ventilation or VE

Question	Answer	Marks	Guidance
	 Effect on endurance performer 30. endurance performer relies on supply of oxygen to working muscles or aerobic respiration or the aerobic system 		
	(increased heart rate or cardiac output means) 31. more oxygen or blood to the working muscles (per minute)		
	(increased tidal volume or minute ventilation means) 32. more oxygen inspired or breathed in (per breath or per minute)		
	(so) 33. increase in aerobic respiration		
	34. performer will be able to work for longer / greater endurance capacity		
	35. performer will be able to work at a higher intensity		
	36. less build up of lactic acid e.g. run or cycle or swim faster		
	37. delayed fatigue or lactate threshold or OBLA / (accept) – increased lactate threshold or OBLA [Total: 30 marks]		

Section B Acquiring Movement Skills

Q	uestion	Answer	Marks	idance	
2	(a)	Four marks for four from:			
		 (self-paced) 1. when the performer has control over the speed or timing of the skill or chooses or decides when to start or perform the skill / when performer has (a more or a higher degree of) control over the speed or timing_of the skill 	4	Accept 1. when environment doesn't control speed or timing= BOD / it doesn't have to be done at a set time - BOD	Do not accept pace / pacing unless there is ref to speed or timing or starting
		 any example where the performer has control over the speed or timing or starting of the skill - e.g. tennis serve or javelin throw or golf swing / free kick in football 		2.	chosen speed of running or walking (sprint / marathon)
		 (externally-paced) 3. when the environment or opponent or external factors have control over the speed or timing of the skill or determine when the skill is performed / when the environment or opponent has (a more or a higher degree of) control over the speed or timing of the skill 		3.opposite – when performer doesn't control speed or timing - BOD	pace / pacing / unless there is ref to speed or timing or starting / Reacting to opponent on own
		4. any example where the environment or opponent has control over the speed or timing or starting of the skill e.g. receiving a tennis serve or receiving a pass in football / having to pass in a game when opponent running in for a tackle / sprint start		4.	chosen speed of running or walking (sprint / marathon) / passing in hockey on own / tackling in rugby on own

Que	estion	Answer	Marks	Guidance		
	(b)	Answer 4 marks for 4 from: 1. when a second stimulus is presented before the first stimulus has been responded to / time between S2 and R1 / (ref diagram below) ^{Stimulus} ① ^{Stimulus} ② ^{Stimulus} ② Stimulus ③ Stimulus ③ </th <th>Marks 4</th> <th>Accept 1. when a performer is presented with two stimuli in a short space of time = BOD 2.</th> <th>Do not accept Diagram on own – without S2 and R1 and PRP labelled decision making on own / dummy on own</th>	Marks 4	Accept 1. when a performer is presented with two stimuli in a short space of time = BOD 2.	Do not accept Diagram on own – without S2 and R1 and PRP labelled decision making on own / dummy on own	
		 (this causes) a delay or an increase in reaction or response time (because of) the single channel hypothesis / because the brain is (seen as) a single channel 		 3. 4. suitable practical example of delay 5. 		
		 organ 6. only one piece of information can be processed at a time / brain or performer has to process the first stimulus before responding to the second stimulus / brain or performer cannot react to or deal with second stimulus until first stimulus has been processed or responded to 		6. ref to bottleneck = BOD		

Que	stion	Answer	Marks	Guidance		
2	(C)	6 marks for 6 from: Visual guidance		Accept	Do not accept	
		 (Description with example) showing or watching correct action or what needs to be done (if not given in 2) / giving mental picture or demonstration / using pictures or posters or charts or court or pitch markings etc / using DVD or video analysis 		 answers such as: watching a golf drive / watching a demo / demonstrating forward roll/ watching video of football pass/ using video analysis 		
		 (Benefit): builds mental picture or image (if not given in 1) / let's learner know what 'skill' looks like / increases understanding (of movement) 	6	2.	good for cognitive learners on own/ raises confidence or motivation/ learn how to do	
		 Verbal guidance 3. (Description with example): giving instructions or information or coaching points or feedback / talking through what needs to be done or talking through tactics (if not given in 4) / 'keep head up' / 'tuck tighter' or other suitable e.g. 		3. answers such as: explaining how to drive from blocks / listening to half time talk / explaining tactics	it	
		 (Benefit): builds on knowledge gained by visual guidance / gives information to improve performance / good for tactics or strategies (if not given in 3) / highlights weaknesses / helps focus on 		4.can be given during performance	raises confidence or motivation / learn how to do it	
		key aspects / gives detail Mechanical guidance 5. (Description with example): use of equipment or		5.	cones / flags etc	
		apparatus or aids or technology / using twisting belts or arm bands or scrum machine or tackle pads or stabilisers or other suitable example		6.	Good for autonomous learners on own/ learn how to do it	
		 (Benefit): gives confidence /encourages correct proprioception or kinaesthesis / increases safety 				

	6 marks		Accept	Do not accept
De	scription of cognitive the	heory of learning (sub max 5)	· · ·	
1.	(Problem solving)	(learning by) problem solving / (some) trial and error / problem not necessarily solved immediately		
2.	(perception)	involves perception or intelligence or reasoning or understanding / an intellectual or perceptual or mental process	makes sense of / works out	involves the brain or thinking / mental rehearsal
3.	(whole)	Gestalt / problem or situation or skill considered as a whole / (learning occurs by) thinking about the whole problem		
4.	(insight/intuition)	insight (learning) / intuitive (learning)		
5.	(intervening variables)	intervening variables (drawn together or made sense of)		
6.	(learning optimised)	a way of thinking to optimise learning / schema broadened		
_	/ / /			
	(past experience)	using past experience (to form a response)		
	ictical example of cogn b max 1)	itive theory applied to the learning of healthy lifestyles	/ /ill help they start swir	nming interval training
Pra (sı	ectical example of cogn b max 1) • a person wants to	nitive theory applied to the learning of healthy lifestyles	/ill help they start swir	nming interval training
Pra (su	 example of cogn b max 1) a person wants to they feel health working out the be successful before 	Native theory applied to the learning of healthy lifestyles improve body shape they realise that increasing physical activity whier their body shape improves the problem has been solved est way to keep fit / understanding that jogging reduces weight / retur	ning to a particular traini	ng routine because it was
Pra (sı	 a person wants to a person wants to they feel health working out the be successful before understanding the of 5-a-day 	intive theory applied to the learning of healthy lifestyles improve body shape they realise that increasing physical activity whier their body shape improves the problem has been solved est way to keep fit / understanding that jogging reduces weight / return components of a healthy diet / understanding how a healthy diet cor	ning to a particular traini	ng routine because it was
Pra (sı	 a person wants to a person wants to they feel health working out the be successful before understanding the of 5-a-day understanding tha 	Native theory applied to the learning of healthy lifestyles improve body shape they realise that increasing physical activity whier their body shape improves the problem has been solved est way to keep fit / understanding that jogging reduces weight / retur	ning to a particular traini	ng routine because it was derstanding the importance

Generic descriptors	Discriminators			
 Level 3 (8 – 10 marks) A comprehensive answer: detailed knowledge & understanding effective analysis/critical evaluation and/or discussion/explanation/development clear and consistent practical application of knowledge accurate use of technical and specialist vocabulary high standard of written communication 	 At level 3 responses are likely to include: all theories described in detail reference to effects of arousal on a range of variables reference to dominant response in drive theory critical evaluation of at least two theories positive and negative points included at top of level, critical evaluation of all theories positive and negative for each theory 			
 Level 2 (5 - 7 marks) A competent answer: satisfactory knowledge & understanding analysis/critical evaluation and/or discussion/explanation/development attempted with some success some success in practical application of knowledge technical and specialist vocabulary used with some accuracy written communication generally fluent with few errors 	 At level 2 responses are likely to include: satisfactory description of theories critical evaluation attempted but not necessarily showing balance between theories between positive and negative points 			
 Level 1 (1 - 4 marks) A limited answer: basic knowledge & understanding little or no attempt to analyse/critically evaluate and/or discuss/explain/develop little or no attempt at practical application of knowledge; technical and specialist vocabulary used with limited success written communication lacks fluency and there will be errors, 	 At L1 responses <u>are likely</u> to include: superficial descriptions of theories little or no critical evaluation 			
 Written communication facks fidericy and there will be enors, some of which may be intrusive [0 marks] No response or no response worthy of credit. 				

L C	Question	Answer	Marks	Guidance
2	(e)*	Indicative content: Candidate responses are likely to include: (relevant responses not listed should be acknowledged) Drive theory Description	10	
		 there is a linear relationship or positive correlation between arousal and performance or between arousal and the dominant response / as arousal increases, performance increases B = HxD / Behaviour = Habit x Drive a dominant response is more likely as arousal increases learned behaviours or stored motor programmes are dominant responses 		Accept graph
		Drive theory - Critical evaluation		for experts – accept autonomous
		Strengths / positive:		learners
		1. it explains high performance by experts (at high arousal)		
		because their dominant response (likely to be) correct		for novices –
		 because experts can cope with higher levels of arousal / experts need to be challenged e.g. Team GB performer at London 2012 Olympic Games 		accept beginners /
		2. it explains high performance at dynamic or explosive or ballistic skills		cognitive learners
		3. it helps teachers and coaches when coaching novices (as they understand that)		learners
		novices need low arousal to learn /novices learn or perform badly with high arousal		
		Weaknesses / negative:		
		4. it isn't applicable to novices		
		because their dominant response (likely to be) incorrect		
		so low performance (at high arousal)		
		5. linear relationship or positive correlation hardly ever occurs6. it doesn't take into account nature of task or personality or ability / potential		
		7. it does not explain decline in performance (at high arousal)		
		8. it doesn't explain how performers can produce high performance with low arousal		

Question	Answer	Marks	Guidance
	Inverted U theory		
	Description		
	 as arousal increases, performance increases up to an optimum or midway point 		
	• after that, or if arousal continues to rise or goes beyond moderate, performance will decrease		Accept graph
	optimal arousal is where the potential to learn and perform well is maximised		that clearly links
	Inverted U theory - Critical evaluation		with bullet/s 1-2
	Strengths / positive:		
	9. theory takes into account different variables (task type, personality, skill level)		
	10. it recognises that optimum levels of arousal are not the same for all activities or all performers		
	 the inverted U can shift (along the x axis) 		
	11. (shift)depending on task type		
	 it suggests complex or fine skills best with low arousal 		
	 it suggests simple or gross skills best with high arousal 		
	12. (shift) depending on personality e.g. extroverts coping with higher arousal		
	 extroverts cope better with high(er) arousal accept opposite) 13. (shift)depending on skill level or experience 		
	 optimum performance for experts at higher arousal / optimum performance for novices at 		
	lower arousal		
	14. it takes into account that performance can decline even with high arousal		
	15. links with cue-utilisation or perceptual narrowing or attention narrowing		
	• if under aroused: attentional field too broad / can't concentrate / info overload / 'noise'		Accept 15 +
	 at optimum point: cue utilisation occurs / optimal attentional field / performer able to 		DEVS if linked with catastrophe
	concentrate or selectively attend		theory
	 if over aroused: attentional field too narrow / cues are missed / hypervigilence or anxiety 		uncery
	or nerves or panic occur Weaknesses / negative:		
	16. (conflicting views) it doesn't take into account other variables		
	 does not take into account task or ability or personality 		
	17. increase or decrease in performance rarely smooth or steady or gradual		
	it doesn't explain a sudden drop in performance		
	 with high arousal some performers improve 		

Question	Answer	Marks	Guidance
	18. it only considers somatic or physical arousal		
	Catastrophe theory – Description		
	 theory is about the effects of different types of anxiety or arousal cognitive: the mind / mental anxiety / apprehension / worry somatic: the body / physiology (2) as (somatic) arousal increases, performance increases up to an optimum or midway point optimal arousal is where the potential to learn and perform well is maximised (4) if arousal continues to increase or is (too) high there is a sudden or extreme decline in performance or learning / performer 'goes over the edge' if high cognitive arousal coincides with or interacts with high somatic anxiety causing loss of control or coordination or concentration or decision making skills e.g. a golfer on the final green experiences high anxiety and misses an easy putt (6) if arousal then controlled performance can improve / the upward curve can be rejoined 		Accept graph that clearly links with bullet/s: 2 4 6 7
	 (6) If arousal their controlled performance can improve 7 the upward curve can be rejoined (7) if arousal continues to increase then performance will continue to decrease 		
	Catastrophe theory - Critical evaluation		
	 Strengths / positive 19. it is more realistic (than others) 20. it explains why performance can suddenly or dramatically decline 21. it is a multidimensional theory / it takes various factors into account (cognitive anxiety and somatic arousal) 22. it explains how some performers can recover (as they rejoin the upward curve of arousal) 		
	Weaknesses / negative:		
	 23. some performers never experience a sudden decline (but slowly decline - as suggested by inverted U) 24. it does not take task or skill level or personality into account 25. it is not a proven theory / it is a theoretical idea 		
	[Total: 30 marks]		

Q	uestic	on		Answer	Marks	Guidance		
3	(a)	(i)	mark. The tw 1 mark for: 1) teaching	<pre>must include pt 1) plus pt 2) or pt 3) for yo parts must be 'sensibly' close. / learning / studying + tivity / sports / exercise Or ' values</pre>	1	Accept	Do not accept1) education2) examples of skills/ sports3) examples of benefits/ values	
3	(a)	(ii)		A from: Explanation needed for each mark ree attempts only learning about the body or theory or rules of tactics or benefits of exercise / get qualifications with explanation of how achieved eg via GCSE or A Level PE physical benefits or skills with explanation of how achieved e.g. learning to play volleyball / attending visiting coaches' 'clinics' preparation for leisure or sport or career or work / increases or encourages lifelong participation / hobby / chance to be competitive with explanation of how achieved e.g. join a club / become PE teacher (self) confidence or esteem or development / achievement / independence / knowledge of strengths & weaknesses with valid explanation of how achieved e.g. confidence from learning to swim or getting positive feedback from teacher	3	Accept same valid explanation for more than one benefit / any suitable example of how achieved 1. other academic qualifications 2. 3. 4.	Do not accept benefit on own stress relief / catharsis health / fitness learning on own	

Question	Answer			Guidance
	5. (character)	character building / leadership / discipline / loyalty / courage / emotional control /learn to: win-lose or accept defeat / responsibility with explanation of how achieved e.g. leadership from being team captain		5.
	6. (social/ team work)	social (skills or benefits) / teamwork / sharing / co-operation / communication / trustworthiness / interaction / enjoyment / feel good factor / with explanation of how achieved eg group work		6. friendships=BOD / 'teamwork by playing football' (or other named team gameto socialise / social lifeREPS such as 'teamwork by playing in a team'
	7. (commitment)	commitment / determination / motivation with explanation of how achieved e.g. turning up for training every week		7.
	8. (cognitive)	cognitive or thinking skills / decision making / problem solving with explanation of how achieved eg planning gymnastics routine		8.
	9. (fair play)	sportsmanship / fair play / morals / respect (for others) with explanation of how achieved e.g. by watching role models		9.
	10. (quality / aesthetic)	qualitative benefits / (improved) quality of life / chance to be creative / achieving excellence / aesthetic appreciation or awareness with explanation of how achieved e.g. working on dance sequence		10.

Qu	Question		Answer	Marks	Guidance If answers are not labelled, take first answer as layer 2 and second answer as layer 3		
3	(b)	(i)	2 marks for 2 from: Both name and linked description must be correct Layer 2: 1. Participation (description) school or club or team involvement / extra-curricular / regular or recreational involvement / in leisure time / 'trying out' activities / for health or fitness or friendships or fun or enjoyment or hobby / intermediate level / associative stage / gaining experience / sport for all / Sunday league / more or higher skill than previous level / more dedicated Layer 3: 2. Performance (description) district or county or regional or l'academy' involvement (skilled or committed or	2	Accept 1. more or higher skill than previous level / more dedicated – once only 2.	Do not accept helps them get to performance level	
			 'academy' involvement / skilled or committed or dedicated performers / autonomous stage / emphasis on competition or winning / competitions / serious or competitive school or club participation / (regular or high level) training or coaching / semi-pro / structured or organised sport / more or higher skill than previous level / more dedicated 		more or higher skill than previous level / more dedicated – once only		

Q	uestic	on	Answer	Marks	Gi	Guidance		
3	(b)	(ii)	One mark for name of organisation / mark first only Two marks max for associated role Name and role must match	3	Accept	Do not accept information without named organisation		
			1. (name)- UK Sport 2. distributes lottery funding / (invests in) World Class (Performance or Pathway) Programme / funds Podium, Development and Talent programme / invests Government or Public funding (into elite sport) 3. promotes ethical behaviour / runs anti-doping programme / 100% ME		1. 2. 3. 4.	Sport UK gives money to sport =TV distributes funding=TV		
			 4. bids for or attracts major (sporting) events (e.g. Olympics 2012) 5. does research into training or coaching science / Talent ID 6. works with or supports NGBs or Home Country Sports Councils or BOA or institutes / (e.g. EIS) / runs Talented Athlete Scholarship System or TASS / supports or funds elite performers in higher education 		 4. 5. 6. works with Sport Aid / Sports coach UK / British Paralympic Association (BPA) 	provides science research		
			7. (name) – (National) Institutes / EIS / SIS / WIS / SINI / centres of excellence:		7.			
			8. Talent ID / support via hub or satellite sites) e.g. Bath (uni) / Bisham Abbey / Lilleshall / Loughborough (uni) / Roehampton (tennis) or other example		8.			
			9. Sports science or sports medicine or scientific support /e.g. biomechanics /nutrition /psychology /physiotherapy /S&C or other eg		9.			
			10. high quality or specialist coaching or facilities / provides training camps		10.			

Question	Answer	Marks	Guidance
	11. Performance lifestyle advice (PLA) / career advice / supports performance lifestyle advice (PLA) (of Institutes)		11.
	12. (name) – National Governing Bodies (NGBs)		12. named NGB
	13. talent ID / select performers for world class funding or national squads		13.
	14. work of performance director/s to increase excellence or chance of international success		14. to develop skills = BOD
	15. build national facility or centre/s / provides world class or high quality facilities		15.
	16. whole sport plans or one stop plans		16.
	17. research into training or coaching science		17.
	18. (name) BOA		18.
	19. selects Team GB (with NGBs)		19.
	20. prepares or supports UK's athletes or Team GB / gives medical support / gives advice / enters team for events		20.
	21. organises transport or team wear		21.
	22. supports performance lifestyle advice (PLA) (of institutes) / helps athletes develop careers alongside their sport / helps athletes balance their sport with other aspects of their life		22.
	23. works with National Governing Bodies (NGBs) / provided (pre-Olympic) training camps		23.
	24. is the (strong, independent) 'voice' for British Olympic Sport / the main Olympic organisation in the UK		24.
	25. works on Olympic bids		25.
	26. fund raises / organises an Olympic Day in UK		26.
	27. appointed official sponsors for London 2012		27.

Q	uestic	on	Answer	Marks	Guidance		
3	(c)	(i)	3 marks for 3 from: 1. idea of De Coubertin / De Coubertin was founder	3	Accept	Do not accept	
			 Idea of De Coubertin' De Coubertin was founder (Influenced or inspired by) Ancient Olympic Games 		1. reasonable spellings of De Coubertin	De Coubertin on own without context	
			3. (Influenced or inspired by) Cotswold (Olympic) Games or (Robert) Dover Games		2.	De Coubertin attended these games=X / Ancient Greece	
			 4. (De Coubertin visited or was influenced or inspired by) (Much) Wenlock (Olympian) Games / Dr William Penny Brookes invited De Coubertin to Much Wenlock / shared vision of De Coubertin and Penny Brookes 		 Shorter versions of DWPBs name e.g. Dr Brookes 4. 		
			 5. (influenced or inspired by) Public Schools/ De Coubertin visited Rugby School or the Public Schools 		5.		
3	(C)	(ii)	(ii) 3 marks for 3 from: 3 1. amateurism / taking part 'for the love of it' / taking part without financial gain	3	Accept	Do not accept	
				1. no professionals			
			 taking part (was considered to be) more important than winning 		2.		
			 peace / tolerance / unity / friendship / understanding between nations /bring people together 		3.		
			4. fair play / sportsmanship / moral integrity		4.		
			5. appreciation of physical endeavour (effort) or physical prowess (skill) /' joy from effort'		5.		
			 6. to remove or reduce prejudice or discrimination / to increase respect or equality 		6.	gender equality	
			 character development / educating young people / linking sport with education or culture 		7.		
			8. balance between mind and body		8.		
			9. role modelling / showing a good example		9.		

Question	Answer	Marks	Guidance		
3 (d) (i)	 2 marks for 2 from: cheating / breaking the rules or norms of sport / behaviour that is very different from a generally accepted standard / deliberate act with intention to deceive (due to) importance of winning / pressure from sponsors or coaches or peers or other suitable reasons for deviant behaviour in sport (example) drug taking / diving in football or other suitable example 	2	Accept 1. 2. 3. 'red card' offences	Do not accept getting or seeking an unfair advantage = TV committing a foul or 'getting a card' on own	

Question			Answer		Marks	Guidance		
3	(d)	(ii)	3 marks for 3 from: Direct comparisons need			Accept Reference to players or	Do not accept 'tails' to answers such as	
			 Sportsmanship can: help make experience enjoyable or successful or fair / help 'game' to flow encourage good or calm atmosphere or good will or friendliness or feel 		3	spectators 1. 2.	'whereas gamesmanship does not'	
			good factor 3. help referee or officials	hinder referee or officials		3.		
			 4. often be admired or respected / improve status of, or respect for 'game' or team 	often be unpopular / decrease status of or respect for 'game' or team		4.		
			5. be good role modelling	be bad role modelling		5.		

Generic descriptors	Discriminators		
Level 3 (8 – 10 marks)	At L3 responses are likely to include:		
 A comprehensive answer: detailed knowledge & understanding effective analysis/critical evaluation and/or 	detailed explanation/discussion of the nature of sport in the USA		
 discussion/explanation/development clear and consistent practical application of knowledge accurate use of technical and specialist vocabulary high standard of written communication 	 from a broad spread of the mark scheme factors such as: Lombardianism / 'capitalism' / 'American Dream' / 'golden triangle' – with strong development 		
Level 2 (5 - 7 marks)	At L2 responses are likely to include:		
 A competent answer: satisfactory knowledge & understanding analysis/critical evaluation and/or discussion/explanation/development attempted with some success some success in practical application of knowledge technical and specialist vocabulary used with some accuracy written communication generally fluent with few errors 	 satisfactory explanation/discussion of nature of sport in the USA from a moderate spread of the mark scheme factors such as: Lombardianism / 'capitalism' / 'American Dream' 'golden triangle' – with some development 		
 Level 1 (1 - 4 marks) A limited answer: basic knowledge & understanding little or no attempt to analyse/critically evaluate and/or discuss/explain/develop little or no attempt at practical application of knowledge; technical and specialist vocabulary used with limited success written communication lacks fluency and there will be errors, some of which may be intrusive [0 marks] No response or no response worthy of credit. 	 At L1 responses are likely to include: basic explanation/discussion of the nature of sport in the USA from a limited spread of the mark scheme factors such as: Lombardianism / 'capitalism' / 'American Dream' 'golden triangle' – with little or no development 		

Question	Answer	Marks	Guidance
(e)*	Indicative content: Candidate responses are likely to include: (relevant responses not listed should be acknowledged) Numbered points = knowledge / understanding Bullet points = likely development of knowledge General / Background USA -	10	
	 young / powerful native Indians as indigenous population (relatively) large population / population > 300 million / 50 states large 'pool' for talent i/d sports adopted or adapted / marginalisation of British sports e.g. American football adapted from rugby / baseball adapted from rounders (some evidence) or sports invented eg basketball & ice hockey invented new sports for a (relatively) new or young society (approx) 200 years 'old' (some) sports reflect frontier or pioneer(ing) spirit they are physical or tough or need courage or determination e.g. American football / baseball / ice hockey / basketball sport a vehicle for achieving American Dream 'Rags to Riches' / opportunity to become wealthy or successful or achieve high status through sport 'land of opportunity' / 'land of the free' (countless) immigrants / mixture of different cultures or religions US a democracy / social equality 'Win at all costs' or 'win ethic' or Lombardian ethic / very competitive (Vince Lombardi said) 'winning isn't the most important thing, it's the only thing' (evidence of) deviance or match fixing (due to importance of winning) e.g. violence or drug taking or other suitable example 		Award multiple DEVS for characteristics

Question	Answer	Marks	Guidance
	Capitalism / Commercialism / Deviance		
	7. sport reflects capitalism / USA a capitalist country		
	an economic system		
	 free or private enterprise / entrepreneurship / (business) for profit 		
	Inks with individualism / links with belief that each person responsible for own success		
	8. golden triangle		
	 relationship between sport, sponsorship and media 		
	 high levels of sponsorship 		
	 performers as 'billboards' 		
	TV rights		
	advertising breaks		
	 huge media involvement / sport a media product / sport dominated or controlled or funded by media 		
	 media controls (some) rules and/or timings 		
	e.g. accept any suitable example		
	10. sport highly commercialised or driven by commercialism / sport is 'big business' / (huge)		
	investment into sport		
	teams run as franchises		
	e.g. accept any suitable e.g.		
	• professional sport dominates / in USA sport is elitist / professional sport has very high status		

Question	Answer	Marks	Guidance
	Entertainment / Spectatorism		
	11. sport is entertaining / sport part of entertainment industry		
	few draws		
	 sport is: high scoring / action packed / exciting / spectacular 		
	 sport is: violent /aggressive 		
	e.g. American football / ice hockey		
	dehumanising effect of (protective) clothing		
	12. Super Bowl		
	 the championship game (of the NFL) 		
	 30 sec commercial - (approx) \$2-4million 		
	13. sport stars as celebrities		
	e.g. Michael Jordan or the Williams sisters or any other suitable example		
	14. spectatorism / 'watch more than play' / 'family friendly'		
	 impact on unhealthy lifestyles or obesity 		
	 limited mass participation / limited system of local sports clubs or teams 		
	School / University Sport		
	School / University Sport		
	15. high status of (high) school or university sport		
	 large crowds (at school or university 'games') high school or university players as local heroes or celebrities 		
	 scholarships to universities 		
	16. draft system		
	 route into professional sport for top university or college athletes 		
	[Total: 30 marks]		

OCR (Oxford Cambridge and RSA Examinations) 1 Hills Road Cambridge CB1 2EU

OCR Customer Contact Centre

Education and Learning

Telephone: 01223 553998 Facsimile: 01223 552627 Email: <u>general.qualifications@ocr.org.uk</u>

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