

General Certificate of Education

Health and Social Care 8621/8623

HC06

Mark Scheme

2009 examination - June series

This mark scheme uses the <u>new numbering system</u> which is being introduced for examinations from June 2010

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of candidates' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

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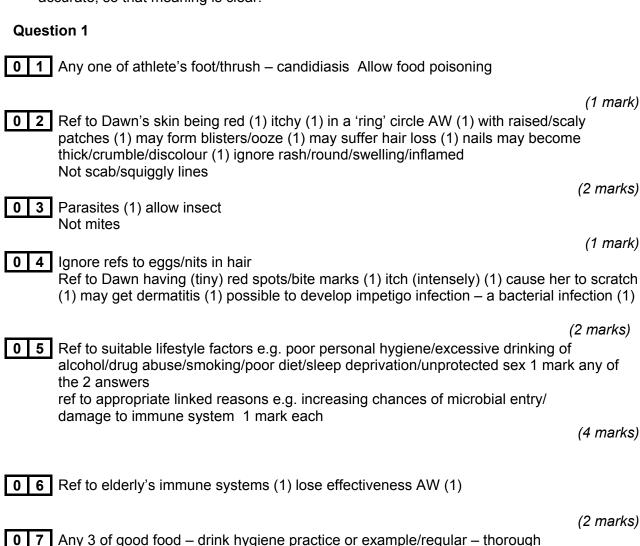
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Quality of written communication

The quality of written communication is assessed in all assessment units where candidates are required to produce extended written material. Candidates will be assessed according to their ability to:

- Select and use a form and style of writing appropriate to purpose and complex subject matter
- Organise relevant information clearly and coherently, using specialist vocabulary when appropriate
- Ensure that text is legible, and that spelling, grammar and punctuation are accurate, so that meaning is clear.



washing/protection in sexual activities/immunisation/avoiding contact with animal faeces

(3 marks)

Allow specific examples such as individual bedding for scabies

Question 2

	enerally little difference between	en males and females for any/all	of the allergens
Allergen Allergen Numeric Allergen Allergen Allow su related (1 most common (1) 3 least common/rare (1) al comparisons e.g. Allergen 2 3 for males/females/both (1) 1 is approx. 3x more common 1 is 14x more common then A ggestions for why results similar	nales (1) Allergen 2/3 vice versa is approximately 5x more comm then Allergen 2 for males/females/b allergen 3 (1) for males/females/b ar or different e.g. allergic respondence e.g. grass pollen (1) Allerge	es/both (1) both (1) nse not gender
Max 4 fo	or numerical c.fs 2 for reasons		(6 marks)
0 9 Any 3 of	: pollen/animal dander – feathe	ers/dust mites/mould spores/fung	jal
			(3 marks)
		AW (1) either scratched gently on k (1) later observed for reaction/r	
substanc	Ref to Max's first exposure to strawberries – body 'mistakes' AW strawberr substance (1) immune system becomes sensitised AW (1) but no symptom (1) Ignore foreign/intruder substance		
(1) Ignor	e loreign/intruder substance		(3 marks)
Question 3			
accomm		AW (1) so power of focussing punable to see near objects clearly	
unevenn		normal/'spherical'/smooth curve to be greater in one direction tha	
A A Datta as	animatinitia aa inflammatian (4	\	, ,
(of conju) (effects are redness/discomfort (1) due to infection (1) by bacter s/discomfort/discharge (1)	
due to de sounds I worse (1 drugs (1	egeneration of hair (cells) (1) a ess clear/higher tones become) can be made worse by high r	usis/presbycusis (1) sensorineura and nerve fibres (1) in cochlea (1 e inaudible (1) background noise noise levels/reduced blood suppl) in inner ear (1) makes effects ly/toxic damage by
			(6 marks)

Question 4

1 6	Ref to: stress/dehydration/hangover/prolonged travel/chocolate/stuffy atmosphered Not hunger/alcohol	re
1 7	Ref to: meninges (1) which are membranes around the brain (1) the scalp (1) blovessels (1) and muscles (1) max 2 being under tension (1) and/or stretched (1)	
1 8	Ref to a migraine as a more severe headache (1) preceded /accompanied by visual/stomach disturbance (1) may last longer than normal headaches AW (1) r triggered by food/tiredness/menstruation (1) max 2 One side of head (1)	may be
1 9	Ref to: stomach pain cramps (1) vomiting sickness nausea (1) diarrhoea AW (1)	(2 marks)
2 0	Virus/Norwalk virus (1)	(3 marks)
		(1 mark)
2 1	Chemical or e.g. fruit juice in zinc container/toxic food e.g. toadstools/fungi Red Kidney beans not thoroughly cooked.	
		(1 mark)