

GCSE

Health & Social Care (Double Award)

General Certificate of Secondary Education GCSE J406

General Certificate of Secondary Education (Double Award) GCSE J412

Mark Scheme for the Unit

January 2010

J406/J412/MS/10J

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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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A912 Understanding personal development and relationships

Question		Answer	Mark	Total
1	(a)	One mark for each, FIVE required.	5 x 1	[5]
		The Evans Life stage Age range Malcolm Later adulthood / elderly / older adult 65+ Nikki Adulthood 18 – 65 George Adolescence 11 - 18 Harry Infancy / infant 0-3 Michelle Childhood 4 - 11		
	(b)	Two marks for both aspects. One mark if only one aspect is given. Development = how we increase: skills abilities emotions / emotional physical intellectual social	2 x 1	[2]
1	(c)	One mark for each correct characteristic – THREE required. Physical characteristics – male and female/later adulthood Examples: • skin wrinkles/loss of elasticity • loss of hair/thinning of hair • loss of colour from hair/going grey • bones are more fragile/brittle/osteoporosis • body organs are less efficient – heart, lungs, kidneys and liver • eyesight worsens • hearing worsens • mobility reduces/joints become more stiff/worn/inflamed • spine compresses • muscles weaken • weaker immune system	3 x 1	[3]

Que	stion	Answer	Mark	Total
Que:	stion (d)	One mark for each correct characteristic, THREE required make noises when they are spoken to/babbling practise making sounds understand some words know their name understand several words understand simple commands with gestures understand and obey simple commands can say a few words can make simple sentences can say a few nursery rhymes ask questions carry on simple conversations with adults learning to talk / speak recognition of parents / people remember words / letters / numbers	Mark 3 x 1	Total [3]
		 remember words / letters / numbers counting copy parents recognising shapes and colours 		
		Tecognising snapes and colours		
	(e)	 One mark for each social change, TWO required more independent from families greater association with peer group group activities with peer group have greater emphasis clothing / music to give social identity conflict with parents developing close relationships with the opposite sex / boyfriend / girlfriend / sexual / intimate influenced more heavily by peers (rather than parents) 	2 x 1	[2]

Que	Question Answer M		Mark	Total
2	(a)	 One mark for each identification sexual / intimate friendships / friends family / husband-wife / marriage 	2 x 1	[2]
2	(b)	One mark for each identification of a factor, TWO required. Two marks for an explanation on development, FOUR required. Factors: • married • active life – golf / swimming / taking exercise • holidays • friends • good pension/income / having money • own house • family relationships Development – could refer to physical/intellectual/emotional or social. The explanation on development must relate to the factor. • eg playing golf will keep Adrian fit and he will be extending his conversational skills with fellow players. • going on holiday will enable them to relax and reduce stress. They will also extend their knowledge of different customs. DO NOT ACCEPT WILL 'HELP PHYSICAL DEVELOPMENT' / 'INTELLECTUAL DEVELOPMENT' etc The aspect of development given must be specific. It is perfectly acceptable for candidates to only explain one aspect of development – it is the quality of response that is important. Possible answers - this list is not definitive See table below	2 x 1 2 x 2	[6]

Physical	rsical Intellectual		Social	
 increased stamina fitter greater muscle tone 	 new skills increased knowledge conversational skills 	 happy less worry high self esteem love security feeling safe 	wider circle of friendssharingtalking	

Que	stion	Answer	Mark	Total
2	(c)	Level 3: 6-7 marks Candidates will fully describe at least two aspects and the effect on June and Adrian (health, well-being, life opportunities). Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		[7]
		Level 2: 4-5 marks Candidates will identify and briefly describe at least two aspects and the effect on June and Adrian (health, well-being and life opportunities). Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
		Level 1: 0-3 marks Candidates can identify/describe at least one aspect and attempt to link the effect on June and Adrian (health, well-being and life opportunities). Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
		 enhanced stimulation / brain exercise / memory sense of achievement interaction with others enhanced confidence enhances self-esteem / feel good (about themselves) sense of pride high self-esteem development of new friendships proud gain additional qualifications closer relationship 		
		Do not penalise candidates if they only focus in on one aspect — it is the quality of the response that matters.		

Que	stion	Answer	Mark	Total
3	(a)	One mark for identifying and describing each aspect	2x1	[2]
		self-esteem – how we feel / think about ourselves		
		 self image – how a person sees him/herself 		
	(b)	Level 3: 6-7 marks		[7]
		A well-balanced analysis of how their different self-concepts have effected their social and emotional development. These will be developed logically and there will be evidence of synthesis within the work. Answers will be factually accurate, using appropriate terminology. There will be few errors, if any, of grammar, punctuation and spelling.		
		grammar, pariotaction and opolinig.		
		Level 2: 3-5 marks They will describe (low end) or explain (upper end) how their different self-concepts have effected their social and emotional development. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling. Sub-max of three if only Steven/Harpreet analysed.		
		Level 1: 0-2 marks		
		One or two effects identified but not clearly described/explained. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
		Steven – this list is not exhaustive		
		will be able to relate more to people		
		will be highly motivated		
		will feel safe and secure		
		will have the confidence to		
		high self-esteem		
		high opinion of self / ambitious		
		Harpreet – this list is not exhaustive		
		low self-esteemwill not feel valued		
		will not feel able to contribute		
		a low opinion of self		
		withdrawn		
		• isolated		
		• angry		
		will have poor communication skills		
		will not trust people		

Que	stion	Answer	Mark	Total
Que 3	(c)	One mark for each identification of a health care service – TWO required Two marks for an explanation on development – FOUR required • asthma clinic • optician • dentist • GP • practice nurse Benefits – this list is not exhaustive • flu vaccination – this will provide a level of immunity; this is beneficial to asthmatics who are more prone to chest infections should they contract flu • asthma clinic – medication can be monitored against peak flow. If necessary medication can be changed_to enable breathing to become easier • eyes tested – if glasses are needed, they can be prescribed, enabling reading to be more efficient and less strain on the eyes • dentist – to maintain healthy teeth and gums, enabling frank to feel more confident about his appearance • dentist – to have teeth whitened – this will give greater confidence to the person and enhance self-concept DO NOT ACCEPT WILL 'HELP PHYSICAL DEVELOPMENT'/ 'INTELLECTUAL DEVELOPMENT' Etc The aspect of development given must be specific. It is perfectly acceptable for candidates to only explain one aspect of development – it is the quality of response that is important.	Mark 2 x 1 2 x 2	Total [6]

Que	estion	Answer	Mark	Total
4	(a)	One mark for each professional support, TWO required. One mark for each explanation of the support given (action), TWO required. One mark for explaining how this support would help Isabel to cope, TWO required.	2 x 1 2 x 1 2 x 1	[6]
		See below. *Accept any other relevant actions and examples of how Isabel		
		will cope. DO NOT ACCEPT – FINANCIAL ADVISORS/LOAN COMPANIES.		

Professional support	Action accept 'talk to' once only	Cope
GP	 refer to gynaecologist prescribes medication refer to counselling listen provide information monitor health take blood pressure 	 physical symptoms of the menopause subside able to cope with day to day living better enhanced confidence help to come to terms
Counsellor	listen draw out feelings/thoughts	with loss of fertility/loss of partner
Homeopath/alternative therapists	 listen provide information on treatments available give treatments – acupuncture, reflexology, massage 	improve sleepreduce stress
Nurse	listenmonitor healthgive advice	

A914 Safeguarding and protecting individuals

Question	Expected Answer	Mark	Total
1	One mark for each, TWO required from	2x1	[2]
	• verbal/shouting		
	verbal/shoutingsexual/assault/rape		
	physical/hitting		
	neglect/no food/left alone		
	being bullied		
	no love/attention		
	observing violence		
	emotional/humiliation/constant criticism/ psychological/ mental		
	mentai		
2	One mark for correct answer	1x1	[1]
	Children Act (date not required)		
3	Two marks for full explanation	1x1	[2]
	One mark for identification only	1x1	
	tie hair up – so it does not spread infection		
	wear protective clothing – to prevent spread of infection on		
	own clothes/other people you are in contact with		
	washing hands – reduces bacteria on hands		
	(disposable) gloves – protective barrier against infection		
	deal with waste – correct disposal process reduce the risk deal with waste – correct disposal process reduce the risk		
	to others		
	 mask – prevents inhaling infectious agents overshoes – reduces contamination brought in from outside 		
	standard precaution e.g. cleaning disinfecting – to prevent		
	bacterial build-up		
	Answers can be interchangeable.		
4	One mark for the piece of information	3x1	[6]
	One mark for the explanation. THREE required from	3x1	
	your/callers name – contact person/not a hoax		
	your telephone number – in case they need to ring you		
	back		
	exact location/address – so they can find you		
	age/condition of injured person – to prepare/inform		
	 paramedics fire/leaking gas hazards – to alert other emergency services 		
	 fire/leaking gas nazards – to alert other emergency services number of casualties – for number of ambulances required 		
	state which services are required – so appropriate help is		
	called		
	what first aid can been carried out – knowing what		
	equipment to bring		
	Reasons may be interchangeable		

Question								
5	One mark for hazardous substance, ONE from	1x1	[1]					
	cleaning materials (caustic) disinfectants							
	disinfectantsbleach							
	bleach body fluids/blood/faeces/semen/urine							
	corrosive							
	• irritant							
	pesticides							
	toxic/poison							
	τολίο, ροισστι							
	Accept any other valid response.							
	Do not accept acid unless qualified as irritant or corrosive as							
	vinegar is an acid.							
6	One mark for a sign and one mark for a symptom	2x1	[2]					
	and the district a symptom		r-1					
	sign – something you see/ can be observed							
	symptom – something the casualty feels							
	2 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.4	F01					
7	One mark for each, TWO required from	2x1	[2]					
	Check							
	airway is open							
	breathing							
	circulation/pulse							
	response/ check levels of consciousness							
8	Two marks for full description. One mark for identification only	2x1	[2]					
	guide person to floor safely – to prevent injury							
	open airway – ensure/check breathing							
	place in recovery position/lie on side – so the tongue does							
	not fall backwards/vomit/sick will run out of mouth keeping							
	airway clear							
	lie person down with legs raised— returns blood to vital							
	organs							
	check ABC – to monitor breathing obtain modical halp if pagessary for professional							
	obtain medical help if necessary – for professional assistance							
	 open doors and windows – to allow plenty of fresh air 							
	- Sport doors and windows to allow piertly of fresh all							
9	One mark for each, THREE required	3x1	[3]					
	A Toxic (accept poison)							
	A Toxic (accept poison) B No smoking							
	C Fire/Emergency Exit/ Fire escape							
	2							
	Do not accept 'way out' or 'Exit' on its own							

Question	Expected Answer	Mark	Total
10	Level 3 – 5 marks Candidates will give a detailed description of at least two effects. Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		[5]
	Level 2 – 3-4 marks Candidates will give a basic description of at least two effects. Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
	Level 1 – 0-2 marks Candidates will give a limited description, showing limited understanding of the effects. Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
	Examples of effects to include:		
	 low self esteem/low self concept uncooperative/irritable withdrawn/isolated blame themselves/feel guilty become aggressive towards others/bully others/become angry feel neglected so tries to move himself causing an accident / injury stop communicating/become sullen/moody low self confidence fear/scared feel neglected –leads to withdrawal / depression / upset leads to lack of trust 		

Question	Expected Answer	Mark	Total
Question 11	 One mark for identification and one mark for explanation wear badges – staff are easily identifiable swipe cards/passwords / door codes – only staff have access visitor badges – valid/temporary reason for access/knowledge of who is in the building/in case of fire locked doors/door bell / door chain— to keep service 	3x1 3x1 3x1	Total [6]
	 users/staff safe/no intruders visitors /signing-in book / reception— to monitor who is in building CCTV – to monitor who is in the building burglar alarms— to notify of intruders 		
	Reasons may be interchangeable Do not accept window locks unless qualified as preventing intruders entering. Do not accept reasons that imply service users need to be kept locked up UNLESS qualified by specific mental impairment		

Question	Expected Answer	Mark	Total
12	Level 3 – 5 marks Candidates will give a detailed explanation of at least two ways. Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		[5]
	Level 2 – 3-4 marks Candidates will give a basic explanation of at least two ways. Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
	Level 1 – 0-2 marks Candidates will give a limited explanation, showing limited understanding. Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
	This can be answered in terms of an independent service user or as a practitioner assisting a service user.		
	 no cracked mirrors – to prevent injury water not too hot – to prevent scalding no loose mats/rugs / anti-slip flooring– to prevent falls/trips no medicines – to prevent poisoning/overdose hazardous cleaning materials appropriately stored– to prevent poisoning bathmats – to prevent slipping/falls 		
	 grab rails – to prevent slipping/falls no electrical equipment – to prevent electrocution emergency cord/pull – to alert staff in emergency walk-in shower / bath /shower stool – to prevent falls hoist available – enables safe moving of service user regular cleaning/disinfecting – prevents disease transmission 		
	mop up spills – prevents slips		

Question	Expected Answer	Mark	Total
13	Level 3 – 7-8 marks Candidates will explain in detail how fire safety procedures will help to reduce risks in care settings. Clear understanding is evident. Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		[5]
	Level 2 – 4-6 marks Candidates will give a basic explanation of how fire safety procedures will help to reduce risks in care settings. Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
	Level 1 – 0-3 marks Candidates will give a limited explanation, showing limited understanding of how fire safety procedures help to reduce potential risks. Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
	 staff training – raise awareness of dangers to themselves and others regular fire drill / meeting at assembly point– to ensure safe working practice testing fire alarms – to ensure good working equipment check for adequate fire extinguishers/ extinguishers checked – to keep people safe/abide by legislation check for no clutter at fire escapes – to prevent injury/death fire notices – to alert people to safe exit areas training in using extinguishers – put out small fires 		
14	Two marks, TWO required clean/ mop up spillage immediately dry the area place a warning sign cordon-off the area	2x1	[2]

Question	Expected Answer	Mark	Total
15	Level 3 – 5 marks Candidates will give a detailed evaluation of at least two ways. Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		[5]
	Level 2 – 3-4 marks Candidates will give a basic evaluation of at least two ways. Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
	Level 1 – 0-2 marks Candidates will give a limited evaluation, showing limited understanding of the effects. Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
	 staff/service users/visitors have a right to be protected/kept safe from harm to ensure a careful examination of what could cause harm/ reduce risk to people to prevent accidents/illness / injury to reduce insurance costs to reduce litigation/court cases staff/service users/visitors will feel confident / safer knowing risk assessments are carried out staff trained to spot risks – likely to reduce dangers / accidents 		

Question	Expected Answer	Mark	Total
16	Level 3 – 8-10 marks Candidates will make detailed and well argued judgements showing clear links between the hazards, the care workers and the service users. Candidates will indicate consideration of precautions that are already in place. Answers will be fluent and coherent, using appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.		
	Level 2 – 5-7 marks Candidates will identify hazards and make sound links between the care workers and the service users and the risks. Candidates will show some consideration of precautions already in place. Candidates will indicate precautions that are already in place. Answers will be factually correct but still need developing. Some correct terminology will be used. There may be some errors of grammar, punctuation and spelling.		
	Level 1 – 0-4 marks Candidates will identify hazards but make few links between the care workers and the service users and the specific risks. The work may consist of a simple list of hazards with limited awareness shown of the precautions already in place. Answers are likely to be muddled and lack specific detail. List like answers should be placed in this band. Errors of grammar, punctuation and spelling may be noticeable and intrusive.		
	 no ramp at fire exit – risk of falls/not safe exit hot drinks outside toilets – not hygienic/hot drinks may collide with people hot drinks near activity area – hot drinks may collide with service users/care workers/staff/visitors consulting room between toilet and bathroom – no privacy/not hygienic overcrowded sitting area – service users/care workers/staff/visitors may trip/fall 		
	 only one fire extinguisher – not adequate for number of rooms/cannot be accessed easily only one first aid box – inadequate for potential accidents sitting area right next to bathroom – service users/care workers/staff/visitors may collide/no privacy fire blanket in kitchen – good practice ramp outside reception – easy access for wheelchair users outside door to kitchen – safe/easy access for deliveries first aid box – situated for easy access 		
	 first aid box – situated for easy access dining area – easy access near kitchen 		

Grade Thresholds

General Certificate of Secondary Education Health and Social Care (Double Award) (J406 J412) January 2010 Examination Series

Unit Threshold Marks

Unit		Maximum Mark	A *	Α	В	С	D	E	F	G	U
A911	Raw	60	54	48	42	36	30	24	18	12	0
	UMS	90	81	72	63	54	45	36	27	18	0
A912	Raw	60	54	48	42	36	30	24	18	12	0
	UMS	60	54	48	42	36	30	24	18	12	0
A914	Raw	60	54	48	42	36	30	24	18	12	0
	UMS	60	54	48	42	36	30	24	18	12	0

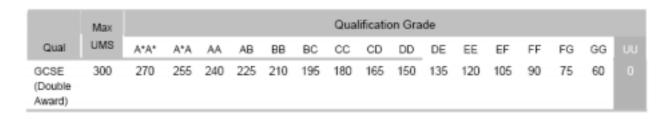
Specification Aggregation Results

Overall threshold marks in UMS (ie after conversion of raw marks to uniform marks)

Single Award J406

				(Qualifica	ition Gra	de			
Qualification	Max UMS	A*	А	В	С	D	Е	F	G	U
GCSE (Single Award)	150	135	120	105	90	75	60	45	30	0

Double Award J412



Aggregation is not available until June 2011.

For a description of how UMS marks are calculated see: http://www.ocr.org.uk/learners/ums/index.html

Statistics are correct at the time of publication.

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