

Cambridge Technicals Health and Social Care

Unit 4: Anatomy and physiology for health and social care

Level 3 Cambridge Technical in Health and Social Care 05830 – 05833

Mark Scheme for January 2019

OCR (Oxford Cambridge and RSA) is a leading UK awarding body, providing a wide range of qualifications to meet the needs of candidates of all ages and abilities. OCR qualifications include AS/A Levels, Diplomas, GCSEs, Cambridge Nationals, Cambridge Technicals, Functional Skills, Key Skills, Entry Level qualifications, NVQs and vocational qualifications in areas such as IT, business, languages, teaching/training, administration and secretarial skills.

It is also responsible for developing new specifications to meet national requirements and the needs of students and teachers. OCR is a not-for-profit organisation; any surplus made is invested back into the establishment to help towards the development of qualifications and support, which keep pace with the changing needs of today's society.

This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

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.

© OCR 2019

Annotations

Annotation	Meaning
~	Tick – correct answer
×	Cross – incorrect answer
√ ₊	Development of point (use only on questions where stated in the mark scheme)
L1	Level 1
L2	Level 2
L3	Level 3
BOD	Benefit of doubt (This does count as a mark – so do not 'tick' as well)
~	Omission mark
TY	Too vague
REP	Repeat
SEEN	Noted but no credit given

Qı	Question		Answer	Marks	Guidance
1	(a)	(i)	 One mark for each correct identification. Three required. A = cerebral cortex B = cerebellum C = hypothalamus 	3 (3x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: IV REP SEEN No other answers are acceptable.
	(a)	(ii)	One mark for a correct identification. One required. It controls autonomic functions such as heart rate It controls speech and language It coordinates movement of muscles It coordinates speech and language	1 (1x1)	No other answers are acceptable. If more than one box is ticked: 0 marks
	(b) (i) One mark for correct identification. One required. • Myelin sheath Also accept: • • Schwann cell		1 (1x1)	For incorrect answers use the cross . Do not accept myelin	

Question	Answer/indicative content	Marks	Guidance				
Question	Answer/indicative content	Warks	Content	Levels of response			
1 (b) (ii)*	 Examples of possible treatments: Medications will help manage: Fatigue e.g. amantadine Muscle stiffness and spasms i.e. muscle relaxants Dizziness or tremors Steroids to reduce autoimmune response Neuropathic and musculoskeletal pain i.e. pain killers Emotional problems i.e. antidepressants Bladder, bowel problems Sexual dysfunction e.g. Viagra Visual problems e.g. steroids Physiotherapy will help manage: Muscle stiffness and spasms Mobility issues Musculoskeletal pain Problems with balance Numbness Others: Speech, Occupational and Psychological Therapy sessions to help with communication, independence, depression, emotional problems, sexual dysfunction Disease-modifying therapies 	8	 This is a levels of response question – marks are awarded on the quality of the response given. The focus of the question is explain. Annotation: The number of ticks will not necessarily correspond to the marks awarded. Level 3 checklist: Identifies at least 2 treatments and explains at least 2 ways they help manage symptoms detailed explanation explicitly linked to symptoms appropriate terminology well-developed line of reasoning logically structured QWC - high Level 2 checklist: Identifies 1 or 2 treatments and explains 1 or 2 ways they help manage symptoms with explanation and some reference to symptoms, but may be implicit mostly relevant and accurate information QWC - mid Level 1 checklist: Identifies 1 treatment and explains 1 	 Level 3 [7-8 marks] Answers provide a detailed explanation of how possible treatments will help to manage the symptoms of MS. Answers explicitly linked to symptoms. Answers will be coherent, factually accurate and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling. Level 2 [4-6 marks] The answer provides a sound explanation of how possible treatments will help to manage the symptoms of MS. Answers will be factually accurate. There may be some errors of grammar, punctuation and spelling. Sub-max of 4 if 1 treatment done well Level 1 [1-3 marks] Answer provides a limited or basic explanation of how the possible treatments will help to manage the symptoms of MS. May be a description/identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 			
	 Some points for consideration/analysis: MS cannot be cured but treatments 		 way they help manage symptoms limited / basic explanation basic information 	0 marks – response not worthy of credit.			

Question	Answer/indicative content	Marks	Guidance			
Question	Answer/indicative content	IVIAI NO	Content	Levels of response		
	 help alleviate symptoms side effects of medications e.g. nausea and dizziness some medications can worsen symptoms e.g. fatigue some medications have limited effects 		 just links treatments with no links to how it helps manage symptoms limited structure, may be list like or muddled QWC – low 	Don't credit support e.g. wheelchairs or personal assistants as methods of treatment		

Qı	uestior	Answer		Guidance
1	(c)	 Any four points below used to describe stages (using diagram): Gap between neurones is the synapse/synaptic cleft Nerve impulse arrives at gap Vesicles release neurotransmitter molecules Neurotransmitter is called acetylcholine Neurotransmitter diffuses across the gap Neurotransmitter attaches to receptors / receiving neurone Nerve impulse occurs in receiving neurone 	4 (4x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: It is possible for two marks to be awarded in one sentence e.g. 'Vesicles release acetylcholine' would gain mps 3 ands 4. Be careful of learners repeating text from the diagram Learners can get multiple marks for one step. For example - Neurotransmitter is diffuse across the synapse

Q	uesti	on	Answer	Marks	Guidance
2	(a)		 One mark for each correct answer, six required. The answers must be given as ordered below to complete the sentences in the passage plasma temperature regulation erythrocytes neutrophils fragments blood clotting 	6 (6x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN
2	(b)	(i)	 One mark for a correct answer, one required. high blood pressure blood pressure that is higher than normal 	1 (1x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN

Question	Answer/indicative content	Marka	Guidance			
Question	Answer/indicative content	Marks	Content	Levels of response		
2 (b) (ii)*	 Lifestyle changes to include: Changes in diet e.g. eat balanced diet with low salt and low fat – relatively easy to follow diet plans-for people who eat foods high in salt and fat this have positive outcome for reducing hypertension or help lose weight-could be income dependent as fresh / healthier foods e.g. fruit and vegetables seen as more expensive. People may struggle to prepare healthy meals or stick to dietary plans Changes in exercise routine e.g. taking regular exercise - help to prevent weight gain-promote weight loss- lower BMI -if already obese will have positive outcomes and reduce hypertension. Links with dietary changes-could be a problem if medical condition prevents from undertaking exercise routine. People maybe too embarrassed to exercise or struggle with motivation Changes in social activities e.g. stop smoking, reduce alcohol intake, reduce caffeine intake-heavy smokers or heavy drinkers will see biggest improvements. Might struggle to quit due to addiction/dependency or due to peer pressure 	6	This is a levels of response question - marks are awarded on the quality of the response given. The focus of the question is evaluate. Annotation: The number of ticks will not necessarily correspond to the marks awarded. Level 3 checklist: • At least two aspects for lifestyle change • both positives and negatives • well-developed, clear and logically structured • factually accurate & relevant • correct use of terminology • QWC – high Level 2 checklist: • Two aspects of lifestyle change • both positives and negatives of one aspect of lifestyle change • both positives and negatives of one aspect of lifestyle change • mostly relevant and accurate information • QWC - mid Level 1 checklist: • limited / basic evaluation • basic information • positive or negative aspect of one lifestyle change • limited structure, may be list like	 Level 3 [5-6 marks] Answers provide a detailed evaluation of at least two lifestyle changes using accurate terminology and following a logical sequence. Both positives and negatives will be given. Sentences and paragraphs are relevant with accurate use of appropriate terminology. There may be occasional errors of grammar, punctuation and spelling. Level 2 [3-4 marks] The answer provides a sound evaluation of possible lifestyle changes. Positive and negative for one change. Answers will be factually accurate. There may be some errors of grammar, punctuation and spelling. Sub-max 2 if no evaluation Level 1 [1-2 marks] Answer provides a limited or basic evaluation with either positive or negative aspect of one lifestyle change. May be a description / identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 0 marks – response not worthy of credit. 		
	Changes in lifestyle routine e.g.		or muddled	for a zero mark response		
	getting sufficient sleep, reducing		• QWC – low			

Question	Answer/indicative content	Marks	Guidance		
Question	Answer/indicative content	IVIAI KS	Content	Levels of response	
	stress, regular health checks especially blood pressure monitoring- dependent on stressful jobs-can be difficult for some people to make such lifestyle changes due to need for income			For life changes to be credited there has to be idenication of how it will be changed e.g. reduction in alcohol consumption	

Que	stion		Answer	Marks	Guidance
Que 2	(c)	Process (one mark) Ultrafiltration Reabsorption	Part of nephron involved (one mark) • Bowman's capsule • glomerulus • Proximal tubule/ Convoluted tubule/ Proximal convoluted	Marks 2 (2x1)	Guidance Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: Image: I
		Water regulation Osmoregulation Accept - Control of water levels	tubuleLoop of HenleCollecting duct		 One mark for: The part of the nephron involved must correctly match the process. Do Not Accept filtration for ultrafiltration

Q	Question		Answer		Marks	Guidance	
2	2 (d) One mark for each correct answer, three required. Third row has been done for them Third row has been done for them Structure within the kidney Letter Cortex Y					No other answers are acceptable. For incorrect answers use the cross.	
			Structure within the kidney	Letter			
		Medulla Z					
			Renal vein	v			
			Ureter	w			
	(e)	(i)	 One mark for correct identification, one required. Answer = deamination 		1 (1x1)	No other answers are acceptable. For incorrect answers use the cross.	
						0 if more than 1 box ticked	

Que	tion	Answer/Indicative content	Marks	Guidance	
QUC		Answei/indicative content	Marks	Content	Levels of response
				 unclear about the issues with alcohol consumption basic information limited structure, may be list like or muddled QWC – low 	

Q	Question		Answer			Guidance	
3	(a)	(i)	One mark for each correct component	t, three required.	3 (3x1)	Annotation: The number of ticks must match the number of marks	
			Function Component	(0,1)	awarded.		
			Attaches bone to bone ligament	ligament		For incorrect answers use the cross or appropriate annotation from the following:	
			Lubricates and nourishes the joint	synovial fluid		TY REP SEEN	
			Reduces friction during movement	cartilage		No other answers are acceptable.	

Question	Answer		Guidance	
(a) (ii)	 Points can be made as follows: Muscles are antagonistic Muscles work in pairs Muscles can pull but can't push One muscle contracts/shortens to bend joint/bring about movement Other muscle in pair contracts to straighten joint When one muscle contracts the other muscle relaxes One muscle is the agonist and the other is the antagonistic Be aware of comments where two points are made e.g Muscles work in antagonistic pairs	4 (4x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: ITY REP SEEN Four marks: for a well-developed explanation using four points Three marks: for a well-developed explanation using three points Two marks: for an explanation using two points One mark: for a simple explanation/statement that lacks clarity	

Question	Answer/Indicative content		Guidance					
QUESTION		Marks	Content	Levels of response				
3 (b)*	 Explain the options that are available to Harry to treat his arthritis. Examples with explanation to include: Steroids/ NSAIDs / anti-inflammatories which reduce swelling and inflammation of joint drugs e.g. paracetamol to alleviate pain (cortico) steroid injections into the joint to reduce swelling Regular low intensity exercise e.g. swimming to maintain mobility Weight loss if overweight to reduce pressure on the joints Joint manipulation e.g. physiotherapy to strengthen muscles around joint / keep joint flexible Support devices e.g. walking sticks which take off some of the weight off the joint. E.g. footwear to reduce forces passing through the joint Surgery e.g. arthroscopy to clean debris in joint or knee replacement to renew affected joint Complementary therapies e.g. supplements such as glucosamine and chondroitin. These are considered to alleviate symptoms. 	5	 This is a levels of response question – marks are awarded on the quality of the response given. The focus of the question is explain. Annotation: The number of ticks will not necessarily correspond to the marks awarded. Level 2 checklist: At least 2 treatments with sound explanation some reference to nature of treatments may consider effects mostly relevant and accurate information QWC – mid to high Level 1 checklist 1 treatments with limited / basic explanation basic information limited structure, may be list like or muddled QWC – low 	Level 2 [4-5 marks] The answer provides a sound explanation of treatments available. Answers will be factually accurate and use some appropriate terminology There may be some errors of grammar, punctuation and spelling. Level 1 [1-3 marks] Answer provides a limited or basic explanation of treatments available. May be a description/identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 0 marks – response not worthy of credit. SEEN for a zero mark response				

Q	uestion	Answer	Marks	Guidance		
4	(a)	 One mark for each correct point made, four required. Points can be made from following: Mechanical points Mechanical digestion occurs Food is chewed Made malleable/bolus is formed Salivary glands produce saliva Food is lubricated Food is swallowed and enters oesophagus Oesophagus performs peristalsis (accept pushes/moves food to the stomach) Chemical points Chemical digestion occurs Saliva contains enzyme (amylase) Starch/carbohydrates is broken down into simple sugars (glucose/maltose) 	4 (4x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: ITY REP SEEN Four marks: for a well-developed description with four points to include mechanical and chemical aspects Three marks: for a well-developed description with three points to include mechanical and chemical aspects Two marks: for description using at least two points to include mechanical or chemical aspects One mark: for one description Do not credit any reference to digestion in the stomach		

C	Questi	on	Answer	Marks	Guidance
4	(b)	(i)	One mark for correct answer.stomach	1 (1x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross. No other answers are acceptable.
4	(b)	(ii)	 One mark for each correct answer, two required. pancreas liver small intestine stomach 	2 (2x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross.
4	(b)	(iii)	One mark for correct answer.gall bladder	1 (1x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross. No other answers are acceptable.
4	(b)	(iv)	One mark for correct answer.small intestine	1 (1x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross. No other answers are acceptable.

	uestion	Answer/Indicative content	Marks	Guidance				
Q	uestion	Answei/indicative content	Warks	Content	Levels of response			
4	(c)*	 Why he has been advised not to eat foods containing wheat, key points: Coeliac disease is an autoimmune disease. Immune response is triggered by protein in wheat called gluten. So foods such as pasta, bread and cereals can trigger the response 		This is a levels of response question – marks are awarded on the quality of the response given. The focus of the question is explain . Annotation: The number of ticks will not necessarily correspond to the marks awarded.	Level 3 [5-6 marks] Answers provide a detailed explanation of the effects of eating foods containing wheat. Answers will be coherent, logically structured, factually accurate and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.			
		 cereals can trigger the response Small projections called villi/microvilli found in lining of small intestine are damaged by the immune response. Small intestine can become inflamed. Absorption of nutrients takes place in small intestine so this process is affected. This will trigger symptoms such as bloating, abdominal pain etc. Coeliac can cause other diseases e.g. anaemia, osteoporosis 		 Level 3 checklist: detailed explanation clear knowledge & understanding of causes of Coeliac disease explicitly linked to effects of wheat-containing foods on small intestine appropriate terminology well-developed line of reasoning logically structured QWC - high 	Must reference destruction of villi affecting absorption to achieve L3 Level 2 [3-4 marks] The answer provides a sound explanation of the effects of eating foods containing wheat. Answers will be coherent, factually accurate and use some appropriate terminology. There may be some errors of grammar, punctuation and spelling.			
				 Level 2 checklist: sound explanation some reference to causes of Coeliac disease some reference to effects of wheat-containing foods on small intestine mostly relevant and accurate information QWC - mid 	Level 1 [1-2 marks] Answer provides a limited or basic explanation of the effects of eating foods containing wheat. May be a description/identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive.			
				 Level 1 checklist: limited / basic explanation basic information 	0 marks – response not worthy of credit.			

Question	Anower/Indiactive content	Marka	Guidar	nce
Question	Answer/Indicative content	Marks	Content	Levels of response
			 may not be specifically linked to the explanation of effects of wheat on small intestine limited structure, may be list like or muddled QWC – low 	

	Question		Answer	Marks	Guidance
4	4 (d) (i)		 One mark for each correct point made, two from list below required. e.g. chemical messenger carried in blood = 2 marks 		Annotation: The number of ticks must match the number of marks awarded.
			 Chemical messenger Produced by glands (accept organs) Carried by blood Act on specific organ 		For incorrect answers use the cross or appropriate annotation from the following:
			Chemical alone is too vague Simply naming a hormone is too vague		
			Credit any explained example e.g. adrenalin is produced by the adrenal glands and causes the heart to beat faster (2 marks)		

Q	uesti	on		Answer		Marks	Guidance
4	(d)	(ii)	One mark f	for each correct answer, four required.		4 (4x1)	Annotation: The number of ticks must match the number of marks
				Statement	True or False	(4×1)	awarded.
				tes is caused when the pancreas ces too much insulin	False		For incorrect answers use the cross or appropriate annotation from the following:
			The h	ormone glucagon is produced by the eas	True		TY REP SEEN
			The p	ancreas produces the hormone insulin	True		
				II diabetes is caused when cells in the eas are destroyed during childhood	False		No other answers are acceptable.
4	(e)*	(i)	Eye Malfur Glauco AMD Catarac Retinop Ear malfur	ma cts pathy		1 (1x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross.
				ss/Hearing loss/Conductive hearing loss/	Sensioneural		

0	Questic	uestion Answer		Marks	Guidance				
					Content	Levels of response			
4	(e)*	(ii)	 Impact on lifestyle of following disorders: Glaucoma, cataracts, AMD and retinopathy problems with driving and reading affect on life aspects such as work and sports loss of independence e.g. mobility emotional impacts such as increased fear of accidents, loss of self-esteem impact on social activities e.g. isolation. decreased visual functioning and visual loss impact of administering medication / procedures impact of medical appointments Deafness/Hearing Loss/Conductive Hearing Loss/Sensioneural hearing loss Isolation and withdrawal Inattentiveness Distraction and/or lack of concentration Problems participating in social activities Problems at work - may have to give up working/retire Frustration or anger 	7	This is a levels of response question – marks are awarded on the quality of the response given. The focus of the question is explain . Annotation: The number of ticks will not necessarily correspond to the marks awarded. Level 3 checklist: • at least 3 impacts • detailed explanation • clear knowledge & understanding of how malfunction can impact on lifestyle • appropriate terminology • well-developed line of reasoning • logically structured • QWC - high Level 2 checklist: • at least 2 impacts • sound explanation • some reference to how malfunction can impact on lifestyle • mostly relevant and accurate information • QWC - mid Level 1 checklist: • 1 impact • 1 impact • limited / basic explanation • may not be specifically linked to lifestyle impact	Level 3 [6-7 marks] Answers provide a detailed explanation of how the chosen disorder can impact on lifestyle. Answers will be coherent, logically structured, factually accurate and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling. Level 2 [4-5 marks] The answer provides a sound explanation of how the chosen disorder can impact on lifestyle. Answers will be factually accurate and use some appropriate terminology There may be some errors of grammar, punctuation and spelling. Level 1 [1-3 marks] Answer provides a limited or basic explanation of how the chosen disorder can impact on lifestyle. May be a description/identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 0 marks – response not worthy of credit. SEEN for a zero mark response			

Question		Answer	Marks		Guidan	се
					Content	Levels of response
				•	limited structure, may be list like or muddled QWC – low	

C	Question	Answer	Marks	Guidance		
5	(a)	One mark for each correct point made, three required.	3 (3x1)	Annotation: The number of ticks must match the number of marks awarded.		
		This is a comparison so look for similarities and differences.		For incorrect answers use the cross or appropriate annotation from the following:		
		Points can be made from the following:		For three marks comparison must be balanced i.e. include one		
		SimilaritiesGlucose is used		similarity and one difference.		
		ATP is produced		Doesn't need to specifically reference aerobic respiration for similarities/differences e.g. Anaerobic respiration uses glucoses, but		
		 <i>Differences</i> Anaerobic produces lactic acid 		not oxygen and produces the waste product of lactic acid (3 marks)		
		 Anaerobic does not produce carbon dioxide or water 		Maximum two marks for three differences.		
		Anaerobic does not need oxygenAnaerobic produces less ATP		Do not credit LESS oxygen		

Questi	ion	Answer	Marks	Guidance
5	(b)	 One mark for each correct answer. 1. Can be triggered by cigarette smoke or dust = asthma 2. Caused by chemicals in cigarette smoke = emphysema 3. Caused by a defective gene = cystic fibrosis 4. Mucus is produced thicker than normal = cystic fibrosis 	4 (4x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: TY REP SEEN

Question	Answer/Indicative content	Marks	Guidance		
Question		warks	Content	Levels of response	
5 (c)*	Health care support Micky needs to support him in managing his condition.	6	This is a levels of response question – marks are awarded on the quality of the response given. The focus of the question is analyse .	Level 3 [5-6 marks] Answers provide a detailed analysis of how health care can support boy with	
	 Examples of treatment/care needs include: Individual care plan Specific advice e.g. on puberty Regular appointments with health care practitioners Medications to reduce mucus production/thickness Vaccinations to prevent infections enzyme pills bronchodilators anti-biotics to help overcome infection more quickly physiotherapy 		Annotation: The number of ticks will not necessarily correspond to the marks awarded. Level 3 checklist: • At least 2 treatments/methods of care • detailed analysis • clear knowledge & understanding cystic fibrosis • explicitly linked to care needs • appropriate terminology • well-developed line of reasoning • logically structured • QWC - high	 cystic fibrosis. Answers will be coherent, factually accurate, logically structured and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling. Level 2 [3-4 marks] The answer provides a sound analysis of how health care can support boy with cystic fibrosis. Answers will be factually accurate and use some appropriate terminology. There may be some errors of grammar, punctuation and spelling. 	
	 dietary advice to reduce mucus production exercise plan Analysis: Needs will change with age and severity of condition Treatment and prevention of lung problems Susceptible to lung infections and e.g. 'flu' Physiotherapy to clear lungs of mucus is time consuming and unpleasant Secretions of digestive system are also affected by cystic fibrosis Exercise supports health but must be monitored due to breathing issues. 		 Level 2 checklist: 1 treatment/methods of care sound analysis some reference to aspects of cystic fibrosis some reference to the care needs, but may be implicit mostly relevant and accurate information QWC - mid Level 1 checklist: limited / basic analysis basic information may not be specifically linked to care needs limited structure, may be list like or muddled QWC - low 	 Level 1 [1-2 marks] Answer provides a limited or basic analysis of how health care can support boy with cystic fibrosis. May be a description/identification only. Answers may be list like, muddled, demonstrating little knowledge or understanding. Errors of grammar and spelling may be noticeable and intrusive. 0 marks – response not worthy of credit. SEEN for a zero mark response 	

Question	Answer/Indicative content	Marks -	Guidance		
Question			Content	Levels of response	
	May need mental health support				
	Accept other appropriate examples.				
	Analysis requires some links to the impacts of treatment/care e.g. physiotherapy removes mucus which reduces infection rates preventing damage to the lungs				

Q	Question		Answer		Guidance	
5	(d)		 One mark for each correct answer, four required. The answers must be given as ordered below to complete the sentences in the passage air ear drum Eustachian tube incus 	4 (4x1)	Annotation: The number of ticks must match the number of marks awarded. For incorrect answers use the cross or appropriate annotation from the following: INTY REP SEEN	

OCR (Oxford Cambridge and RSA Examinations) The Triangle Building Shaftesbury Road Cambridge CB2 8EA

OCR Customer Contact Centre

Education and Learning

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

www.ocr.org.uk

For staff training purposes and as part of our quality assurance programme your call may be recorded or monitored

Oxford Cambridge and RSA Examinations is a Company Limited by Guarantee Registered in England Registered Office; The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA Registered Company Number: 3484466 OCR is an exempt Charity

OCR (Oxford Cambridge and RSA Examinations) Head office Telephone: 01223 552552 Facsimile: 01223 552553 Cambridge



© OCR 2019