

# **Cambridge Technicals Health and Social Care**

Unit 2C: Health and safety in practice

Level 2 Cambridge Technical in Health and Social Care **05880 - 05881** 

Mark Scheme for June 2022

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 2022

#### MARKING INSTRUCTIONS

#### MARKING INSTRUCTIONS - FOR MARKING ON-SCREEN AND FOR PAPER BASED MARKING

- 1. Mark strictly to the mark scheme.
- 2. Marks awarded must relate directly to the marking criteria.
- 3. The schedule of dates is very important. It is essential that you meet the on screen 50% and 100% (traditional 40% Batch 1 and 100% Batch 2) deadlines. If you experience problems, you must contact your Team Leader (Supervisor) without delay.
- 4. If you are in any doubt about applying the mark scheme, consult your Team Leader by telephone or the on screen messaging system, or by email.
- 5. Crossed Out, Rubric Error (Optional Questions) and Multiple Responses

#### **Crossed Out Responses**

Where a candidate has crossed out a response and provided a clear alternative then the crossed out response is not marked. Where no alternative response has been provided, examiners may give candidates the benefit of the doubt and mark the crossed out response where legible.

## **Rubric Error Responses - Optional Questions**

Where candidates have a choice of question across a whole paper or a whole section and have provided more answers than required, then all responses are marked and the highest mark allowable within the rubric is given. (The underlying assumption is that the candidate has penalised themselves by attempting more questions than necessary in the time allowed.)

#### **Multiple Choice Question Responses**

When a multiple choice question has only a single, correct response and a candidate provides two responses (even if one of these responses is correct), then no mark should be awarded (as it is not possible to determine which was the first response selected by the candidate). When a question requires candidates to select more than one option/multiple options, then local marking arrangements need to ensure consistency of approach.

#### **Contradictory Responses**

When a candidate provides contradictory responses, then no mark should be awarded, even if one of the answers is correct.

#### **Short Answer Questions** (requiring only a list by way of a response, usually worth only **one mark per response**)

Where candidates are required to provide a set number of short answer responses then only the set number of responses should be marked. The response space should be marked from left to right on each line and then line by line until the required number of responses have been considered. The remaining responses should not then be marked. Examiners will have to apply judgement as to whether a 'second response' on a line is a development of the 'first response', rather than a separate, discrete response. (The underlying assumption is that the candidate is attempting to hedge their bets and therefore getting undue benefit rather than engaging with the question and giving the most relevant/correct responses.)

## Short Answer Questions (requiring a more developed response, worth two or more marks)

If the candidates are required to provide a description of, say, three items or factors and four items or factors are provided, then mark on a similar basis – that is downwards (as it is unlikely in this situation that a candidate will provide more than one response in each section of the response space.)

## **Longer Answer Questions** (requiring a developed response)

Where candidates have provided two (or more) responses to a medium or high tariff question which only required a single (developed) response and not crossed out the first response, then only the first response should be marked. Examiners will need to apply professional judgement as to whether the second (or a subsequent) response is a 'new start' or simply a poorly expressed continuation of the first response.

- 6. Always check the additional pages (and additional objects if present) at the end of the response in case any answers have been continued there. If the candidate has continued an answer there then add a tick to confirm that the work has been seen. The 'link page' check box should be used within on screen marking to link candidate responses in additional objects to the corresponding question number.
  - a. Where additional objects are present, all pages must contain an annotation, or the system will not allow you to submit the script. Where no response is given by a candidate on a whole page the 'BP' annotation **must** be applied.
  - b. Where generic answer booklets are used, all pages must contain an annotation, or the system will not allow you to submit the script. Where no response is given by a candidate on a whole page the 'BP' annotation **must** be applied.
  - c. Where structured answer booklets are used, the 'BP' annotation **must** be applied to all pages where no response is given by a candidate.
- 7. There is a NR (No Response) option. Award NR (No Response)
  - if there is nothing written at all in the answer space
  - OR if there is a comment which does not in any way relate to the question (e.g. 'can't do', 'don't know')
  - OR if there is a mark (e.g. a dash, a question mark) which isn't an attempt at the question

Note: Award 0 marks – for an attempt that earns no credit (including copying out the question)

- 8. The on screen comments **box** is used by your team leader to explain the marking of the practice responses. Please refer to these comments when checking your practice responses. **Do not use the comments box for any other reason.**If you have any questions or comments for your team leader, use the phone, the system messaging system, or e-mail.
- 9. For answers marked by levels of response:
  - a. **To determine the level** start at the highest level and work down until you reach the level that matches the answer
  - b. To determine the mark within the level, consider the following:

Descriptor			Award mark		
•	On the borderline of this level and the one below	•	At bottom of level		
•	Just enough achievement on balance for this level	•	Above bottom and either below middle or at middle of level (depending on number of marks available)		
•	Meets the criteria but with some slight inconsistency	•	Above middle and either below top of level or at middle of level (depending on number of marks available)		
•	Consistently meets the criteria for this level	•	At top of level		

## 10. Annotations

These are the annotations to be used when marking Unit 2.

Annotation	Meaning
<b>✓</b>	Tick – correct answer
×	Cross – incorrect answer
L1	Level 1
L2	Level 2
L3	Level 3
BOD	Benefit of doubt (This <b>does</b> count as a mark – so do not 'tick' as well)
^	Omission mark
TV	Too vague
REP	Repeat
seen or	Noted but no credit given

Question	Answer		Guidance	
1 (a)	One mark for each correct identification. Two required.  Legislation reduces ACCIDENTS and injuries  disease / infection hazards  Do not accept - harm  Legislation sets STANDARDS for a safe environment guidelines procedures rules policies	2 (2 x 1)	Annotation: The number of ticks must match the number of marks awarded.  One mark for each correct answer  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN	

Question	Answer	Marks	Guidance Annotation: The number of ticks must match the number of marks awarded.	
1 (b)	(b) Two marks for explanation of one process  Methods:	2 (1 x 2)		
	<ul> <li>Training provided on correct routines, e.g. how to prevent cross-contamination</li> <li>Use of PPE</li> </ul>		Two marks for a full explanation or two logically made points  One mark for identification	
	<ul> <li>Hand washing routines / personal hygiene</li> <li>Requirements regarding notifiable diseases and appropriate action</li> <li>Disinfecting and keeping areas clean / cleaning / deep cleaning</li> <li>Using isolation if needed, e.g. infectious diseases</li> <li>Changing dressings regularly and disposing of correctly</li> <li>Following guidelines on the disposal of waste / sharp boxes for needles</li> <li>Risk assessments – identification of hazards</li> <li>Explanation of methods:</li> </ul>		For <b>incorrect</b> answers use the <b>cross</b> or appropriate annotation from the following:  TY REP SEEN	
	<ul> <li>Prevents transfer of bacteria / cross contamination</li> <li>Acts as barrier reducing/preventing transfer of germs</li> <li>Reduces opportunity for spreading bacteria/germs</li> <li>Removes places for bacteria to be trapped</li> <li>Destroys bacteria and viruses</li> <li>Ensures high level of cleanliness</li> <li>Stops others coming into contact with bacteria/germs</li> <li>Control measures are put in place</li> </ul>			

Question	Answer	Marks	Guidance
1 (c)	One mark for each hazard correctly identified. Two required.  Hazards: Infection or disease Fire Flood / wet floor / spillages Electricity / exposed wires Gas leaks Security of premises Building structure Equipment Furnishing and fittings Hazardous substances Biological (Human waste) Chemical (including medicines)  Accept any other vocationally specific hazards	2 (2 x 1)	Annotation: The number of ticks must match the number of marks awarded.  One mark for each correct answer  For incorrect answers use the cross or appropriate annotation from the following:  TY REP SEEN

Quest	tion	Answer	Marks	Guidance	
1	(d)	One mark for an area. One required.  Areas in a hospital where hazards may occur:  Playroom / waiting room  Dining room / café / coffee shop  Communal area  Outdoor area  Bathroom  Kitchen  Consulting room  Surgical theatres  Reception area  Wards / individual rooms / patient room  Corridor  Stairs	1 (1 x 1)	Annotation: The number of ticks must match the number of marks awarded.  One mark for each correct answer  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN	

Question	Answer	Marks	Guidance
1 (e)	Fig. 1 Water Play Floor getting wet / spillage of water Slipping over on wet floor Stagnant water Sharp edges on containers Consuming dirty water  Fig 2. Painting Consuming paint Paint on the floor – making it slippery / spillage of paint Toxic paint Using the paintbrush inappropriately Consuming dirty water Paint getting into eyes / onto skin Allergic reaction to the paint Chemical hazard  Fig. 3 Craft work Using the scissors inappropriately Cutting them self / paper cut Consuming the glue Glue getting into eyes Allergic reaction to glue Chemical hazard	3 (3 x 1)	Annotation: The number of ticks must match the number of marks awarded.  One mark for each correct answer  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN  Do not accept:  Scissors left out on the table – Fig 3  No supervision

Question	Answer	Marks	Guidance
2 (a)	<ul> <li>Two marks for each description. Two required. Procedures in a Health and Safety policy in a retirement home setting:</li> <li>Use of PPE to minimise risk of spread of germs</li> <li>Training is provided such as manual handling and is updated regularly</li> <li>System in place for ensuring equipment is up to standard / PAT testing</li> <li>Replacement programme meaning system in place for replacing broken / damaged equipment</li> <li>Risk assessments are carried out</li> <li>Employees to take reasonable care of their own health and safety so they are know how to protect themselves from hazards</li> <li>Guidance is provided for key activities to ensure protection of the health and safety of individuals and employees, e.g. checking hoists before use, hot drinks are covered with a lid – accept any other appropriate example linked to guidance</li> <li>Records are kept of all risk assessments and are updated</li> <li>Monitoring /supervision of staff to ensure compliance to set procedures</li> <li>Reporting and recording of accidents / incidents</li> <li>Hazardous substances – locked away when not in use / clearly labelled / wearing PPE</li> </ul>	4 (2 x 2)	Annotation: The number of ticks must match the number of marks awarded.  Two marks for a full description or two logically made points One mark for identification  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN  Do not accept:  Staff identification ( security) Security measures Reference to food preparation Safeguarding

Question	Answer	Marks	Guidance
2 (b)	<ul> <li>Two marks for the description. One required.</li> <li>Consequence must relate to the carer</li> <li>Injury or harm. The carer could strain their back when carrying out manual handling incorrectly</li> <li>Disease or infection. The carer could catch an infection by not using PPE</li> <li>Disciplinary action (warnings / suspension) due to having injured a patient through poor practice</li> <li>Loss of job due to not following the correct procedures</li> <li>Financial loss due to loss of earnings</li> <li>Retraining. A carer may have to take a refresher course on manual handling so that they can apply the correct procedures</li> <li>Accept any other relevant consequence, e.g. a candidate may describe an incident that results in death / serious injury and this the consequence of this may be prosecution</li> </ul>	2 (1 x 2)	Annotation: The number of ticks must match the number of marks awarded.  Two marks for a full description or two logically made points One mark for identification  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN  Do not accept:  Low staff morale  Loss of professional licence

Question	Answer	Marks	Guidance
2 (c)	Two marks for each description. Two required. How risk can be reduced  Preparing food in a nursery Personal hygiene – washing hands PPE – hair net / apron, disposable gloves Treating wounds – use of blue plasters Using different chopping boards / utensils for prep or meat / vegetables to avoid cross contamination – different colours To have a qualification in food preparation to ensure nursery workers know how to prepare food safely To always use food by the 'use by date' - staff should check dates before use To dispose of waste food in a sealed bin – taking care to ensure no waste food is on surfaces or floors To never re heat food – all food to be heated/cooked safely To store perishable food at a temperature that prevents it perishing quickly - in a refrigerator To clean food preparation areas using suitable cleaning products and cloths Checking on allergies – use of different equipment to prevent cross contamination  Cleaning a bathroom in a care home  To wear non-slip footwear – to prevent slipping and causing an injury To wear PPE, e.g. disposable gloves to create a physical barrier Keep floors dry to prevent anyone from slipping Use correct signage to alert to cleaning in process	4 (2 x 2)	Annotation: The number of ticks must match the number of marks awarded.  Two marks for a full description or two logically made points One mark for identification  For incorrect answers use the cross or appropriate annotation from the following:  TV REP SEEN  Do not accept  Reference to safeguarding Not being able to prepare food due to sickness

Question	Answer	Marks	Guidance
	<ul> <li>Keep chemicals used in a locked cupboard to prevent any unauthorised access</li> <li>Not leaving cleaning chemicals unattended</li> <li>To ventilate to prevent being overcome by strong fumes</li> <li>Cleaning cloths will need to be disposed of correctly / disinfected to prevent the spread of infection</li> <li>Use of different cleaning cloths for different areas of the bathroom, e.g. toilet / sink</li> <li>Personal hygiene, e.g. washing hands after cleaning toilet / emptying bins</li> </ul>		

Question	Answer	Marks	Gu	Guidance	
Question			Content Levels of response		
3 (a)*	<ul> <li>Hazards in the public park</li> <li>Swings could fall off / be pushed / injury / 'swing' into another child / unsupervised</li> <li>Slides – fall off ladders / unsupervised / injury</li> <li>Children's play area – crowded – children push to get onto equipment; accidents could happen</li> <li>No adults in the children's play area – lack of supervision and control</li> <li>Overflowing bins – biological hazard</li> <li>Dog faeces – biological hazard; infants may not be aware</li> <li>Litter on the floor – could be biological hazard; infants may not be aware</li> <li>Dog by itself – could bite children</li> <li>No barrier around the pond – children could fall in / drown / unsupervised</li> <li>Broken glass on the floor – could cut someone</li> <li>Person on a bike – could be travelling at speed and knock into someone / could fall off</li> <li>Who could be harmed</li> <li>Children Adults / families / staff</li> <li>Anyone who chooses to go to the park – elderly / disabled people /cyclist</li> </ul>	8	This is a level of response question – marks are awarded on the quality of the response given. The focus of the question assess.  Annotation: The number of ticks will not necessarily correspond to the marks awarded.  Level 3 - checklist:  Detailed assessment of hazards Identification of who could be harmed Logically structured Factually accurate Correct use of terminology QWC – high  Level 2 – checklist:  Sound assessment of hazards Identification of who could be harmed. Mostly relevant and accurate information QWC – mid-high  Level 1 – checklist: Basic assessment of hazards Identification of who could be harmed QWC Low	Level 3: 7- 8 marks  Answers provide a detailed assessment of hazards and identification of who could be harmed. Answers will be factually accurate, logically structured and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.  Level 2: 4-6 marks  Answers provide a sound assessment of hazards and identification of who could be harmed. Answers will be mostly relevant and accurate. There may be some errors of grammar, punctuation and spelling.  Level 1: 1-3 marks  Answers provide a basic assessment of hazards and who could be harmed.  Answers may be list like or muddled, demonstrating little knowledge or understanding. Errors of grammar, and spelling may be noticeable and intrusive.  0 marks – response not worthy of credit.  E.g. for who can be harmed	

Ques	stion	Answer	Marks	Guidance
Ques	(b)	<ul> <li>Two marks for the description. One required.</li> <li>Solutions for the hazards within the public park:</li> <li>To have a special bin for dog faeces / to encourage dog owners to pick up their dog faeces</li> <li>To have more bins making it easier/encourage people to use them</li> <li>To ensure bins are emptied regularly</li> <li>To place a barrier around the pond</li> <li>To have a park warden on duty</li> <li>To aim to limit the number of children in the children's play area at any one time, to put up notices about this</li> </ul>	Marks 2 (1 x 2)	Annotation: The number of ticks must match the number of marks awarded.  Two marks for a full description or two logically made points One mark for identification  For incorrect answers use the cross or appropriate annotation from the following:
		<ul> <li>All dogs to be on leads</li> <li>Fence off children's play area – no dogs allowed</li> <li>All children to be supervised notices on display</li> <li>Safety surface to be within the children's play area</li> <li>Sign to identify 'please use the bins provided'</li> <li>Separate cycle path</li> </ul>		

Question	Answer	Marks	Guidance		
Question			Content	Levels of response	
4 (a)*	<ul> <li>Responsibilities of an employer:         <ul> <li>To carry out risk assessments identifying potential emergencies</li> </ul> </li> <li>Ensuring that emergency policies are in place</li> <li>Ensuring that there are clear procedures to follow, e.g. evacuation, contacting the emergency services, taking registers, going to assembly point, PEEP assessments</li> <li>Explain to emergency services what they know about the emergency and actions they have taken.</li> <li>Ensuring staff are trained on how to respond to an emergency</li> <li>Decide priorities – raise the alarm, directing staff to specific roles, e.g. contacting family / ensure evacuation procedures are followed</li> <li>Priorities linked to a specific emergency: fire, flood, accidents, epidemics, gas leaks, bomb threats, loss of children/ vulnerable adults and intruder</li> </ul>	8	This is a level of response question – marks are awarded on the quality of the response given. The focus of the question explanation.  Annotation: The number of ticks will not necessarily correspond to the marks awarded.  Level 3 - checklist:  Detailed explanation of employers responsibilities  Detailed explanation of first aider's responsibilities.  Logically structured  Factually accurate  Correct use of terminology  QWC – high  Level 2 – checklist:  Sound description of employers responsibilities  Sound explanation of first aider's responsibilities  Mostly relevant and accurate information  QWC – mid-high  Level 1 – checklist:  Basic assessment of responsibilities  QWC Low	Answers provide a detailed explanation of the responsibilities of both an employer and a first aider. Answers will be factually accurate, logically structured and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.  Level 2: 4-6 marks  Answers provide a sound explanation of the responsibilities of both an employer and a first aider. Answers will be mostly relevant and accurate. There may be some errors of grammar, punctuation and spelling. Sub max of 4 for employer OR first aider done well.  Level 1: 1-3 marks  Answers provide a basic explanation of the responsibilities of an employer and / or a first aider. Answers may be list like or muddled, demonstrating little knowledge or understanding. Errors of grammar, and spelling may be noticeable and intrusive.  0 marks – response not worthy of credit.	

Question	Answer	Marks	Guidance		
Question			Content	Levels of response	
	First aider responsibilities: Assess the situation / Assess for danger  • Breathing checks / PPP (Preserve Prevent Promote)  • Call for emergency services / ambulance  • Circulation checks  • May need to shout for help / seek additional support  Protect from further harm  • Place into the recovery position if needed  • Do not move any casualty unnecessarily  Prevent infection				
	<ul> <li>Wash hands</li> <li>Use mouth guards</li> <li>Use plastic gloves</li> <li>Use clean dressings</li> <li>Comfort and reassure</li> </ul>	•	surrounding area is safe Remove hazards paramedics of the situation		
	<ul> <li>Talk to the casualty</li> <li>Hold their hand</li> <li>Stroke their head if appropriate</li> <li>Keep them calm</li> <li>Maintain dignity</li> <li>Keep covered</li> <li>Clear away by standers</li> <li>Give first aid treatment</li> </ul>				

Question	Answer	Marks	Guidance
4 (b)	<ul> <li>Two marks for the description. One required.</li> <li>Response of an employee to a fire emergency</li> <li>Deciding priorities e.g. ensuring life safety initially rather than stabilising the fire</li> <li>Following procedures e.g. the fire evacuation plan</li> <li>Carry out fire evacuation plans, e.g. acting calmly and according to their training / evacuation practices – head count, not going back from personal possessions / checking rooms</li> </ul>	2 (1 x 2)	Annotation: The number of ticks must match the number of marks awarded.  Two marks for a full description or includes two logically made points One mark for identification  For incorrect answers use the cross or appropriate annotation from the following:  TV 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: general.qualifications@ocr.org.uk

#### 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



