

Cambridge Technicals Health and Social Care

Unit 2: Health and safety in practice

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

Mark Scheme for January 2022

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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.

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Annotations

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


Annotation	Meaning
	Tick – correct answer
	Cross – incorrect answer
	Level 1
	Level 2
	Level 3
	Benefit of doubt (This does count as a mark – so do not ‘tick’ as well)
	Omission mark
	Too vague
	Repeat
 or 	Noted but no credit given

Question		Answer	Marks	Guidance						
1	(a)	<p>One mark for each correct identification. Two required.</p> <table border="1"> <thead> <tr> <th>Responsibility</th> <th>ANSWER</th> </tr> </thead> <tbody> <tr> <td>Health and safety management</td> <td>Employer(s)</td> </tr> <tr> <td>To follow policies and procedures</td> <td>Employee(s)</td> </tr> </tbody> </table>	Responsibility	ANSWER	Health and safety management	Employer(s)	To follow policies and procedures	Employee(s)	<p>2 (2 x 1)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>One mark for each correct answer</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; align-items: center;"> ^ TV REP SEEN </div> <p>If both employer and employee are given in the answer box then this answer needs to be marked as incorrect</p>
Responsibility	ANSWER									
Health and safety management	Employer(s)									
To follow policies and procedures	Employee(s)									

Question	Answer	Marks	Guidance
1	<p>(b) Two marks for each way explained. Two ways required The focus of the question is on <u>how</u> legislation provides guidelines for safe working</p> <ul style="list-style-type: none"> • Training for Manual handling: provides clear /instructions for staff to follow • Training for RIDDOR: provides clear /instructions for staff to follow • Provides requirements for DBS checks: offers safety measures to prevent unsuitable recruits being employed/services need to ensure protection for vulnerable people that it is their role to support • To have a DSL in place: provides leadership to ensure accountability of a designated role holder within a service for safeguarding/child protection • Regulates staff: child ratio: ensures child care service provides supervision for children within their care • Requires carrying out of risk assessments: ensures services develop appropriate policies for health and safety / minimise hazards • Sets requirements on use of PPE: ensures risks of the spreading of infection is minimised • Clear procedures for dispensing medicines: ensures medicines are stored and dispensed safely and correctly • Regulations on correct storage of chemical substances: minimises risks to individuals being exposed to harmful chemical materials • Requires clear fire and evacuation procedures in place and that are practised: minimises the risk of individuals being harmed if a fire • Sets requirements for employees handling food to have food hygiene certificates: reduces the risk of individuals suffering food poisoning 	<p>4 (2 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>Two marks for identification of way and an explanation of how it provides guidelines for safe working One mark for identification of way</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; align-items: center;"> ^ TV REP SEEN </div>


Question	Answer	Marks	Guidance
	<ul style="list-style-type: none"> • Sets requirements for clear supervision for new staff / trainee staff: ensures they carry out their roles in accordance with the policies and procedures specified by the service • Provides guidance on correct disposal procedures for hazardous waste: minimises risks to individuals of being exposed to hazardous waste • Reduces accidents / injuries: must state how e.g. using appropriate manual handling equipment • Reduces transference of infections / diseases: must state how e.g. using correct PPE, following food hygiene procedures <p>Accept any other appropriate answer if the answer clearly links to how legislation provides guidelines for safe working</p>		

Question	Answer	Marks	Guidance
1	<p>(c) One mark for each setting. Two required</p> <ul style="list-style-type: none"> <li>• Hospital <li>• Hospice <li>• GP surgery <li>• Health centre <li>• Walk in Centre <li>• Dentist <li>• Optician <li>• Pharmacy / Chemist <li>• Nursing Home <li>• Residential Home <li>• Retirement Home <li>• Day Centre <li>• Sheltered Housing <li>• Playgroup <li>• Nursery / Pre-school <li>• Crèche <li>• Child Minders <li>• Care Home 	<p>2 (2 x 1)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>One mark for any of the listed answers</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> ^ TV REP SEEN </div>

Question	Answer	Marks	Guidance
1	<p>(d) Two marks for description. One required.</p> <ul style="list-style-type: none"> • Water too hot – scalding / burning self • Biological hazards. This would include exposure to infectious pathogens, bacteria, fungi, or mould • Chemical hazards. Many cleaning chemicals contain a variety of ingredients that may be toxic and health-threatening if touched or inhaled • Physical hazards. "noisy" cleaning equipment, equipment that vibrates, tools that are not ergonomically designed, as well as cleaning tasks that require considerable repetitive movement such as vacuuming or mopping floors • Poor indoor air quality. If a cleaning worker is working in an enclosed area, the fumes from powerful cleaning chemicals could result in health-risking indoor air quality. • Slipping on wet floor / spillages. This could result in bruising or even a broken bone • Allergic reaction to chemicals. This could result in breathing difficulties • Cleaning products get into eyes. This could cause irritation and blurred vision • Incorrect use of PPE. Failing to use goggles / disposable gloves when using hazardous substances. 	<p>2 (1 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>Two marks for a detailed description / may include examples.</p> <p>One mark for a limited description.</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">  </div>

Question		Answer	Marks	Guidance	
2	(a)	One mark for each answer. Three required	3 (3 x 1)	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>One mark for each correctly identified policy</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; align-items: center;"> ^ TV REP SEEN </div> <p>Do not accept answers that name a piece of legislation</p>	
		Procedure			Policy
		All employees must have a DBS check			Safeguarding / Safer Recruitment
		Risk assessments must take into account load			Manual Handling / Health and Safety
All staff will have training linked to their emergency response role	Emergency Planning / Fire safety / Fire Emergencies				


Question	Answer	Marks	Guidance
2	<p>(b) One mark for each procedure identified. Two required.</p> <ul style="list-style-type: none"> • Protective equipment • Protective clothing • Signing in and out • Staff ratios • Induction training for new employees • Training on communication/teamwork • Training on fire safety/ emergency procedures / specific procedure linked to fire / emergency • Training on hazard identification/risk control/use of personal protection equipment (PPE) • First aid / the use of first aiders • Use/ maintenance of equipment • Handling/labelling/ storage of hazardous/ non-hazardous materials • Adherence to policies/ procedures • Cleaning/ waste disposal considering environment safety and health • Completing risk assessments • Guidance on personal and intimate care • Equipment checked and tested / PAT testing <p>Accept any other relevant procedure linked to safe working practice</p>	<p>2 (2 x 1)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>One mark for each correct answer</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> ^ TV REP SEEN </div> <p>Do not accept policies, e.g. security of premises</p>

Question	Answer	Marks	Guidance
2	(c) One mark for completed statement. One required Policies ensure the setting meets the requirements of LEGISLATION / LAW	1 (1 x 1)	Annotation: The number of ticks must match the number of marks awarded. One mark for the correct word provided For incorrect answers use the cross or appropriate annotation from the following: 

Question	Answer	Marks	Guidance
2	<p>(d)</p> <p>Two marks for explanation of a consequence. One required</p> <p>Answers must relate to an employer</p> <ul style="list-style-type: none"> • Financial loss – fines • Prosecution / taken to Court – could be sued • Financial loss – staff absence • Financial loss – reputation • Low staff morale – high turnover of staff • Negative judgements by inspection agencies, e.g. Care Quality Commission, Ofsted, Health and Safety Executive – their performance will be monitored/improvements required • Organisation could be shut down – following CQC visit / prosecution • Disciplinary action – verbal / written warnings / directed to complete more training / supervision / monitoring • Poor reputation – could find it hard to recruit staff / loss of residents • Additional time needed to recruit staff • Additional funding required for training / recruitment – need to make decisions for making cuts elsewhere 	<p>2 (1 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>Two marks for a detailed explanation or two consequences provided</p> <p>One mark for a limited explanation or one consequence provided</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around;"> A TV REP SEEN </div>

Question	Answer	Marks	Guidance
2	<p>(e) Two marks for explanation of a consequence. One required</p> <p>Answers must relate to an individual</p> <ul style="list-style-type: none"> • Injury or harm – this could lead them to having to seek medical assistance • The development of long term health issues – may break a hip and causes problems with mobility • Death – this could be the consequence of poor manual handling / being given the wrong medication / any other relevant example • Disease or infection – this could lead them to having to be prescribed medication • Loss of trust – this could lead them to becoming uncooperative • Seek alternative setting – this may be a last resort but could cause unnecessary anxiety • Stress – they may get anxious each time a procedure is carried out by the employee • Neglect – emotional distress, hungry, dehydrated, lack of cleanliness / personal hygiene 	<p>2 (1 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>Two marks for a detailed explanation or two consequences provided One mark for a limited explanation or one consequence provided</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; width: fit-content; margin: 10px auto;"> A TV REP SEEN </div>

Question		Answer/Indicative Content	Marks	Guidance	
				Content	Levels of response
3	(a)*	<p>Biological hazards:</p> <ul style="list-style-type: none"> • Nose bleed / blood • Sneezing • Vomit • Human waste • Medical waste • Bacteria / Virus • Used tissues • Used needles <p>Chemical hazards:</p> <ul style="list-style-type: none"> • Medicines • Toxic substances • Substances used in examining/treating patients • Cleaning products • Hand sanitiser <p>Who may be harmed and why:</p> <ul style="list-style-type: none"> • All patients – some may have a lowered immune system as they are ill; may be exposed to contaminated equipment/surfaces / allergic reactions / slipping hazards • Patients over the age of 70 – more susceptible for picking up viruses • Patients with respiratory conditions/asthma – more susceptible to picking up viruses that affect the respiratory system 	8	<p>This is a level of response question – marks are awarded on the quality of the response given. The focus of the question description.</p> <p>Annotation: The number of ticks will not necessarily correspond to the marks awarded.</p> <p>Level 3 - checklist:</p> <ul style="list-style-type: none"> • Detailed identification of biological and chemical hazards • Detailed explanation of who might be harmed and why • Logically structured • Factually accurate • Correct use of terminology • QWC – high <p>Level 2 – checklist:</p> <ul style="list-style-type: none"> • Sound identification of biological and chemical hazards • Sound explanation of who might be harmed and why • Mostly relevant and accurate information • QWC – mid-high 	<p>Level 3: 7- 8 marks Answer provides a detailed identification of both biological and chemical hazards, and a detailed explanation of who might be harmed and why. Answers will be factually accurate, logically structured and use appropriate terminology. There will be few, if any, errors of grammar, punctuation and spelling.</p> <p>Level 2: 4-6 marks Answer provides a sound identification of both biological and chemical hazards, and a sound explanation of who might be harmed and why. Answers will be mostly relevant and accurate. There may be some errors of grammar, punctuation and spelling. Sub max of 4 for only addressing biological or chemical hazards</p> <p>Level 1: 1-3 marks Answer provides a basic identification of both biological and chemical hazards, and a basic explanation of who might be harmed and why. Answers may be list like or muddled, demonstrating little knowledge or understanding. Errors of grammar, and spelling may be noticeable and intrusive.</p> <p>0 marks – response not worthy of credit.</p>

Question	Answer/Indicative Content	Marks	Guidance	
			Content	Levels of response
	<ul style="list-style-type: none"> • Staff – nurses / GPs / Receptionists/cleaners – having daily contact and contact that could be close to patients; because they carry out surgical/invasive procedures, treating wounds, taking body fluid samples; may clean in contaminated areas; may transport contaminated equipment • Children <p>Reasons why can be interchangeable.</p>		<p>Level 1 – checklist</p> <ul style="list-style-type: none"> • Basic identification of biological and chemical hazards • Basic explanation of who might be harmed and why • May identify rather than describe • May lack relevance to context • QWC – low <p><u>Annotation</u></p> <p> = biological / chemical hazards E.g. = who might be harmed and why</p>	

Question	Answer	Marks	Guidance
3	<p>(b) Two marks for solution. One required.</p> <p>Solutions:</p> <ul style="list-style-type: none"> • Hand sanitiser – destroys viruses • PPE provided; aprons, masks and latex gloves – provides a barrier for harder for transference of bacteria / viruses / Policy and procedures in place for the use of PPE • Locked medicine cupboard – only those who have the key can access / it is in a separate room away from the patients 	<p>2 (1 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>Two marks for a detailed explanation or two solutions provided</p> <p>One mark for a limited explanation or one solution provided</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> ^ TV REP SEEN </div>

Question		Answer/Indicative Content	Marks	Guidance	
				Content	Levels of response
4	(a)*	<p>Responding to the emergency of an outbreak of measles in a children's nursery</p> <p>Deciding priorities:</p> <ul style="list-style-type: none"> • Sending children home who are showing symptoms / contacting parents to come and collect • Isolating those children showing symptoms before being collected by parents / guardians <p>Following procedures:</p> <ul style="list-style-type: none"> • Send letters home to all parents alerting them of this outbreak • Reassure the other children in the nursery as they could become distressed by the situation • Cleaning / deep cleaning • Promote hand washing for all • The use of PPE <p>Reporting incidents:</p> <ul style="list-style-type: none"> • To Ofsted / Public Health UK / Local Health Protection Team / UK Health Security Agency • Local authority • Clinical Commissioning Groups <p>Recording incidents:</p> <ul style="list-style-type: none"> • Completing a written report of the event 	8	<p>This is a level of response question – marks are awarded on the quality of the response given. The focus of the question is explanation.</p> <p>Annotation: The number of ticks will not necessarily correspond to the marks awarded.</p> <p>Level 3 – checklist:</p> <ul style="list-style-type: none"> • Detailed explanation • Relevant to measles outbreak • Examples provided to illustrate points • Factually accurate • Appropriate use of terminology • QWC – high <p>Level 2 checklist:</p> <ul style="list-style-type: none"> • Sound explanation • Some relevance to measles outbreak • Some examples provided to illustrate points • Sub max of 4 for one nursery manager responsibility done well. 	<p>Level 3: 7- 8 marks</p> <p>There will be a detailed explanation of how the manager should respond to this emergency. Answers will be factually accurate and use appropriate terminology. Examples will be provided. There will be few, if any, errors of grammar, punctuation and spelling.</p> <p>Level 2: 4 - 6 marks</p> <p>There will be a sound explanation of how the manager should respond to this emergency. Answers will be factually accurate. Some examples will be provided. There may be some errors of grammar, punctuation and spelling. Sub max of 4 for one nursery manager responsibility done well.</p> <p>Level 1: 1 - 3 marks</p> <p>Answers provide a basic explanation. Answers may be list-like or muddled, demonstrating little knowledge or understanding. Errors of grammar, and spelling may be noticeable and intrusive.</p> <p>0 marks – response not worthy of credit.</p>

Question		Answer/Indicative Content	Marks	Guidance	
				Content	Levels of response
		<p>Review risk assessments and policies after incidents:</p> <ul style="list-style-type: none"> To determine whether policies were followed <ul style="list-style-type: none"> Make changes to risk assessments policies if necessary <p>The language used by the candidates may not match that given above.</p>		<ul style="list-style-type: none"> QWC – mid <p>Level 1 checklist:</p> <ul style="list-style-type: none"> Limited / basic explanation May lack relevance to measles outbreak Likely to identify point(s) QWC – low 	

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Question	Answer	Marks	Guidance
4	<p>(b) Two marks for the responsibility of a first aider. One required</p> <p>First aider responsibilities:</p> <p>Assess the situation / Assess for danger</p> <ul style="list-style-type: none"> • Breathing checks / PPP (Preserve Prevent Promote) • Call for emergency services / ambulance • Circulation checks • May need to shout for help / seek additional support <p>Protect from further harm</p> <ul style="list-style-type: none"> • Do not move the casualty unnecessarily <p>Prevent infection</p> <ul style="list-style-type: none"> • Wash hands • Use mouth guards • Use plastic gloves • Use clean dressings <p>Comfort and reassure</p> <ul style="list-style-type: none"> • Talk to the casualty • Hold their hand • Stroke their head if appropriate • Keep them calm <p>Give First Aid Treatment</p> <ul style="list-style-type: none"> • Clean wound • Put dressing onto wound 	<p>2 (1 x 2)</p>	<p>Annotation: The number of ticks must match the number of marks awarded.</p> <p>For incorrect answers use the cross or appropriate annotation from the following:</p> <div style="border: 1px solid black; padding: 5px; display: flex; justify-content: space-around; width: fit-content; margin: 10px auto;"> ^ TV REP SEEN </div>

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