

#### Paper Code: M-EPA-SHE3001

# Safety, Health and Environment (SHE) Technician EPA Mock Knowledge Exam



#### **Information for registered Centres**

The seal on this examination paper must only be broken by the learner at the time of the examination.

Under no circumstances should a learner use an unsealed examination paper.

#### Information for candidates

Only remove the examination paper from the sealed envelope when instructed to do so. The duration of this examination is 2 hours.

This examination consists of 11 two-part questions. Part A is multiple choice worth 1 mark and Part B is an open response question worth 4 marks, totalling 5 marks per question.

The test is worth 55 marks. In order to pass, a minimum score of 2 out of 5 is required for each question and an overall minimum score of 33 marks. Distinction is a minimum of 44 marks.

You are **NOT** allowed any assistance to complete the answers. Complete **ALL** tasks. Use Black or Blue ink Strike out any text which you do not wish to be considered for marking.

Extra paper may be requested from the invigilator during the exam. However, you must remain seated throughout Highfield recommends raising your arm to attract the attention of the invigilator.

Ensure you write your name clearly on the top of any extra sheet(s) of paper as well as indicating which question you are answering.

Complete the following																
First Name (in full)															Middle initial	
Last Name																
Date of Birth (8 digits)																
HABC Learner ID	D	D	M	M	Y	Y	Y	Y								
Approved Centre Number (5 digits)																
Is this a resit examination?	YES		NO													
Examination Date (8 digits)	D	D	M	M		V	Y	V								
Examination Start Time (24 hour clock)	Н	Н	M	M			tion	Finis	sh Tin	ne	Н	Н	M	M		
Nominated Tutor Number (5 digits)																

All candidates **MUST** sign the declaration below and leave this Examination Booklet on the desk after the examination.

#### Learner declaration

c.	
confirm.	

- I removed the examination paper from the sealed envelope.
- I received no help in answering the questions in this examination paper.
- I am the person stated above on this form.
- I will not discuss the content of the examination with anyone else.

earner	signature	•



1a

What are the 4 basic stages of a successful safety management programme, as recommended by the Health and Safety Executive (HSE)?

Tick (🗸	) one box	(1 mark)
Α	Plan, organise, control and act	
В	Plan, do, check and act	
С	Organise, check, act and monitor	
D	Organise, control, act and monitor	
1b		
Describ	be the benefits to businesses of having an effective safety management programme.	(4 marks)
•••••		



2a

An emp	ployer's fulfilment of their 'duty of care' can be demonstrated through:	
Tick (✔	one box	(1 mark)
Α	controlling risks in the workplace	
В	carrying out a cost vs benefit analysis	
С	having up-to-date employer insurance	
D	having no accidents in the past 5 years	
2b		)
Using e	xamples, outline the <b>moral</b> reasons for managing health, safety and environment in the workplace.	(4 marks)
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3a

Which of the following is an example of **proactive** monitoring?

Tick (🗸)	one box	(1 mark)
Α	Conducting audits and inspections	
В	Investigating accidents and incidents	
С	Examining sickness and health records	
D	Safety sampling and incident investigation	
	amples to describe <b>four</b> different monitoring procedures that should be used to assess whether effective measures are in place.	ctive (4 marks)



4a

Advice and guidance for employers on how to implement health and safety best practice is better known as:

	e and guidance for employers of flow to implement health and safety best practice is better known	
Γick (✔	') one box	(1 mark
Α	an approved code of practice	
В	technical guidance	
C	approved regulations	
D	a code of conduct	
4b		
Define	the term 'reasonably practicable' and provide an example of a control me <mark>asure th</mark> at has been put	t in place
	igns with this principle.	
		(4 marks
• • • • • •		



5a

What is the purpose of health surveillance?

Tick (✓)	one box	(1 mark)
Α	To reduce the health risks to employees	
В	To improve safety awareness	
С	To check employers are complying with the law	
D	To provide statistical data on accidents	

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-	
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State 2 examples of health surveillance techniques, and for each, state which occupations or conditions they are appropriate for and why.

(4 marks)




6a

The acci	dent triangle shows:	
Tick (✔)	one box	(1 mark)
Α	a sign to warn the public that there has been an incident	
В	the relationship between the direct and indirect costs of an accident	
С	the relationship between near misses, minor accidents and major accidents	
D	a hazard warning sign	
	loyer carries out an investigation following an accident. What important points may arise from stigation process that have implications for the business?	(4 marks)
*******		
•••••		
		,



ck (🗸)	one box	(1 mari
Α	give financial incentives for not having accidents	
В	involve staff in hazard spotting	İ
С	involve employees in developing a health and safety newsletter	
D	give awards for staff with low absenteeism	
b		
tilisin	g examples explain the key elements of successful change management.	(4 m au)
		(4 mark
• • • • • • • •		
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8a

ck (🗸)	one box	(1 mai
Α	introduce safe systems of work	
В	substitute	
С	provide Personal Protective Equipment	
D	reduce or limit exposure	
Bb		
	examples, outline the general principles of prevention when conducting a risk assessment	and explain
ow yo	u would implement them into your own working environment.	(4 marl



9a

To evaluate the risk of any hazard, you need to consider the:

	date the historiany hazara, you need to consider the						
Tick (🗸	) one box	(1 mark)					
Α	probability of the hazard causing harm and the cost of eliminating it						
В	B ease of completing the documentation						
С							
D	probability that the hazard will cause harm and how severe it could be						
Ol-							
9b							
Define	the term 'competent person' in relation to risk assessments and explain why competency is essenti	al. (4 marks)					
		( <del>4</del> 11101 K3)					
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Which of the following is a **human** factor related to the use of a machine that requires a significant physical effort to operate?

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Tick (✔	/) one box	(1 mark)
Α	The individual strength of the operator	
В	The position in the workplace where the machine will be used	
С	The condition of the workplace where the machine will be used	
D	The time that the machine is in use on a daily basis	
10b		)
State 2	2 examples of unsafe behaviour in the workplace and for each explain how they can be overcome.	(4 marks)
•••••		
*****		
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11a

For which of the following common hazards would emergency procedures **need** to be developed?

١	Fires		
3	Slips and trips		
-	Manual handling		
)	Cuts and amputation		
g aı	n example, describe how to plan for a SH	E emergency and how to test its effec	ctiveness.
			(4 ma



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Question number	1	2	3	4	5	6	7	8	9	10	11	TOTAL
Mark(s) available	5	5	5	5	5	5	5	5	5	5	5	55
Mark(s) awarded												
Minimum of 2 marks achieved per question (please ✓ or ×)												

Overall Pass/Distinction/Fail:	
Marker Name:	
Marker Signature:	
Date:	

Overall Pass/Distinction/Fail:	
Moderator Name:	
Moderator Signature:	
Date:	



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