



BSC Level 3 Certificate in Occupational Safety and Health

Tuesday 15 June 2010

9.30am – 12.30pm

Component 1: Short-Answer Questions

PLEASE PROVIDE THE FOLLOWING INFORMATION

Candidate name:

Candidate number:

Candidate signature:

For Examiner Use

Question number	Mark
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
Total	

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are instructed to do so.

You are advised to spend **no more than TWO HOURS** on this component.

There are twelve questions each worth 12 marks.

Answer ALL questions.

Marks for part questions are shown in square brackets.

Reference should be made to relevant legislation and workplace examples wherever appropriate.

Write your answers in the spaces provided. If you need to continue an answer, use the additional sheets at the back of this booklet, in which case write the question number clearly in the margin.

You may make rough notes at the back of this booklet, but you must cross out any work that you do not wish to be marked.

Write in black or blue pen only. If you wish to make a correction, cross out the word(s) to be changed. Do not use ink erasers or correcting fluids.

Question 1

(a) Identify **FOUR** examples of traffic routes in the workplace.

[4]

(b) Traffic routes and washing facilities are two areas covered by the Workplace (Health, Safety and Welfare) Regulations 1992. Identify **FOUR** other areas covered by these Regulations.

[4]

On 1st July 2007 it became illegal to smoke in certain places in England.

(c) (i) Name the Act under which this prohibition was imposed.

[1]

(ii) Under the Smoke-free (Signs) Regulations 2007, identify where signs must be displayed and state the correct wording for these signs.

[3]

Question 2

The warehouse manager has informed you that an employee has overturned the forklift truck that they were driving. Nobody was injured but the manager wants to know if they need to report the incident to anybody.

- (i) **Outline** the advice that you would give the manager in relation to the reporting of this incident.

[4]

- (ii) **Outline** the possible causes of this incident.

[4]

- (iii) **Describe** the potential costs to the organisation associated with this incident.

[4]

Question 3

(a) Outline **FOUR** factors that you would consider when assessing the risk of harm from exposure to hazardous chemicals.

[4]

(b) Outline the main stages of a COSHH risk assessment.

[4]

(c) Explain why personal protective equipment is normally considered a last resort.

[4]

Question 5

(a) Across Europe a young worker is 50% more likely to have an accident than an older worker.

(i) Outline why young workers are more at risk.

[4]

(ii) Outline an employer's responsibilities in relation to young workers.

[4]

(b) Describe suitable measures to reduce the risk of a young person being bullied in the workplace.

[4]

Question 6

(a) Describe how you would reduce or control the potential supply of oxygen to a fire.

[4]

(b) Outline FOUR circumstances in which an automatic fire detection system may be required.

[4]

(c) Describe the factors that should be taken into account when assessing the adequacy of the means of escape from a large supermarket.

[4]

Question 8

(a) Identify TWO safety hazards and TWO health hazards associated with the use of hand held power tools.

[4]

(b) Describe and explain measures to control the risks associated with work equipment.

[8]

Question 9

(a) **Identify** the tort most relevant to health and safety.

_____ [1]

(b) **Outline FOUR** defences available to an employer who is being sued for breach of duty under common law.

_____ [4]

(c) Approved Codes of Practice are not laws in themselves but may be used as evidence. **Describe** what an accused must do to defend themselves in such circumstances.

_____ [3]

(d) **Complete** the list below by placing the following Courts in their correct order: Crown Court; Magistrate's Court; High Court; Court of Appeal.

1. House of Lords
2.
3.
4.
5.

[4]

Question 10

(a) Explain how electricity may cause harm to:

(i) people

[3]

(ii) buildings and equipment

[3]

(b) Outline THREE factors that contribute to the risks from electricity and, for each factor, **describe** appropriate measures to control the risks.

[6]

Question 11

(a) (i) **Outline** the purpose of a permit-to-work.

[2]

(ii) **Outline TWO** circumstances in which a permit-to-work would be needed.

[2]

(iii) **Outline FOUR** pieces of information you would find on a permit-to-work.

[4]

(b) **Outline** the main stages of job safety analysis.

[4]

Question 12

(a) Identify TWO manual handling activities other than lifting.

[2]

(b) Describe the hierarchy of controls for reducing the risks associated with manual handling.

[4]

(c) Apart from safe lifting and safe handling techniques, **outline** the topics you would cover in a one day manual handling course.

[6]

