



## BSC Level 6 Diploma in Occupational Safety and Health

### Unit 1 Examination

Tuesday 16 February 2010

9.30am – 12.30pm

#### INSTRUCTIONS TO CANDIDATES

Do not open this booklet until the invigilator tells you to do so.

You are allowed **THREE HOURS** to complete this examination.

There are two sections to this paper.

**Section A** has one question worth a total of 40 marks.

You are advised to spend no more than **ONE HOUR** on Section A.

**Section B** has eight questions each worth 10 marks (total 80 marks).

You are advised to spend no more than **TWO HOURS** on Section B.

**Answer ALL questions.** The questions may be answered in any order.

Marks for part questions are shown in square brackets.

Your answers should include reference to relevant legislation and examples from the workplace wherever appropriate.

Write your answers in the answer booklet provided using a black or blue pen.

You may make notes on this question paper, in the resource booklet, in the answer booklet or on separate sheets of paper, but any notes you make must be handed in at the end of the examination.

## Section A

### Question 1 (Refer to the Resource Booklet)

- (a) (i) **Outline** the main health and safety risks and the potential injury or harm to people. [5]
- (ii) **Outline** the main legal breaches that could apply. [5]
- (b) (i) With reference to suitable management system frameworks (e.g. HSG65 / OHSAS 18001), **outline** the policy and organisational issues that will need to be reviewed when considering improvements. [5]
- (ii) **Outline** the possible safety culture failures that could have led to this situation. [5]
- (c) **Describe and justify** suitable controls to minimise the risk of an incident occurring. (Your answer should include reference to premises, plant and substances, procedures and people). [10]
- (d) **Develop** a management action plan based on current and future risks. (Your plan should include clear recommendations, priorities and timescales). [10]

[Total 40 marks]

## Section B

- 2 (a) **Identify TWO** sources of health and safety information and, for each source, **outline** its advantages and limitations. [4]
- (b) You have been asked to make a presentation at a national careers convention on “The role of the health and safety practitioner.” **Describe** the main topics you would cover in your presentation. [6]
- 3 (a) **Outline** the legal principles that resulted from the following decided cases:
- Wilson and Clyde Coal v English* [1937] [2]
- Donoghue v Stephenson* [1932] [2]
- Edwards v National Coal Board* [1949] [2]
- (b) **Explain the difference** between a binding and a persuasive precedent. [4]

- 4 **Outline** the legislation that applies to the supply and use of:  
**EITHER** a chainsaw  
**OR** an industrial lathe. [10]
- 5 You are responsible for a large fleet of company cars. **Describe** the steps you would take to manage and control occupational road risks. [10]
- 6 (a) **Outline** the process by which European Union (EU) law is created and then transposed into UK health and safety legislation. [8]  
(b) **Identify TWO** EU institutions with a role in setting or monitoring EU law. [2]
- 7 You have received a summons that your company is to be prosecuted by the Health and Safety Executive (HSE). This follows an accident which, according to the HSE, involved an operator using a machine without a guard in place. The operator suffered major injuries to their arm.  
**Outline** the steps your organisation could take to prepare an adequate defence for this case. [10]
- 8 (a) **Describe** the main environmental risks associated with the storage of oil and **explain** how these can be minimised. [6]  
(b) Oil has leaked from a storage tank into a river. **Outline** the powers available to the Environment Agency when investigating this incident. [4]
- 9 Your organisation is located on a business park comprising office, retail and light industrial premises managed by a common landlord.  
(a) **Outline** the co-operative and co-ordination arrangements that may need to be considered to ensure adequate safety arrangements across the whole site. [6]  
(b) Your company frequently has employees from other organisations working on your premises. **Explain** your company's duties in relation to these individuals. [4]

[Total 80 marks]

