



## BSC Level 6 Diploma in Occupational Safety and Health

### Unit 1 Examination

Tuesday 15 June 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) **Outline** the 'principles of prevention' under the Management of Health and Safety at Work Regulations 1999. [6]
- (b) **Outline** hierarchical risk control as it applies to work at height. [4]
- 3 **Describe** how you would prepare and maintain adequate first aid provision for a light engineering company employing 100 people. [10]
- 4 (a) **Outline** the role and responsibilities of the competent authority under the Control of Major Accident Hazards Regulations 1999. [5]
- (b) **Identify** the information required in a safety report under the Control of Major Accident Hazards Regulations 1999. [5]

- 5        **Describe** an inspection, testing and maintenance regime suitable for a range of electrical equipment in a large modern office. [10]
- 6        **Compare** the employee consultation requirements for recognised trade union and non-trade union workplaces. [10]
- 7        (a) **Outline** the circumstances in which a project must be notified under the Construction (Design and Management) Regulations 2007. [4]
- (b) **Identify** the information that must be provided to the Health and Safety Executive for projects notified under the Construction (Design and Management) Regulations 2007. [6]
- 8        You are responsible for up to 25 district nurses visiting patients in a socially deprived urban area. **Describe** the steps you would take to manage the risks from this type of lone working. [10]
- 9        (a) In relation to health and safety law, **outline** the difference between a 'young person' and a 'child'. [4]
- (b) **Outline** the restrictions placed on employers in order to protect young persons at work. [6]

**[Total 80 marks]**