



BSC International Diploma in Occupational Safety and Health

Unit 2 Examination

Specimen Examination Question Paper 2014

INSTRUCTIONS TO CANDIDATES

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

You are allowed **2 hours 30 minutes** to complete this examination.

There are ten questions in this paper each worth 10 marks (100 marks).

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

- 1 (a) **Outline** the main elements of an effective occupational health strategy. [5]
- (b) **Outline** the main requirements for the reporting of occupational diseases. [5]
- 2 (a) **Outline** the circumstances in which health surveillance is appropriate for employees exposed to a substance hazardous to health. [5]
- (b) **Identify** the information typically recorded on an individual's health surveillance record. [5]
- 3 A review of health records has identified an increase in dermatitis among engineers exposed to metal working fluids in a manufacturing company.
- Identify** the professionals that could offer advice and describe the practical support they could offer to solve this problem. [10]
- 4 For each of the following target organs, **identify ONE** hazardous chemical and its associated ill-health effects:
- (i) lungs; [2]
 - (ii) skin; [2]
 - (iii) liver; [2]
 - (iv) nervous system; [2]
 - (v) blood / bone marrow. [2]
- 5 You are the newly-appointed health and safety manager for a large shopping centre. **Describe** the main occupational health hazards that you are likely to encounter in the course of your work. [10]

- 6 (a) **Outline** the locations where asbestos might be encountered in a building. [5]
- (b) An electrician is planning to carry out some minor work in a building suspected to contain asbestos. **Outline** the factors that should be considered when undertaking a risk assessment for this work. [5]
- 7 (a) **Outline** the main uses of epidemiology in occupational health and hygiene. [5]
- (b) **Outline** the main limitations of epidemiological studies. [5]
- 8 (a) **Outline** the legal limits and the elements you would measure when assessing the risks from hand-arm vibration. [5]
- (b) With reference to **EITHER** the Stockholm Scale **OR** the Griffin Scale, **explain** its application in the assessment of hand-arm vibration syndrome. [5]
- 9 A large company has identified a risk of musculoskeletal injuries in one of its warehouses. **Describe** how this risk can be adequately controlled. [10]
- 10 (a) **Outline** the particular vulnerabilities of children and young persons in the workplace. [3]
- (b) **Outline** the main legal requirements relating to children and young persons in the workplace. [7]