



International Diploma in Occupational Safety and Health

Unit 2 Examination

Safeguarding People's Health in the Workplace

INSTRUCTIONS TO CANDIDATES

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

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

There are ten questions worth a total of 100 marks.

Answer ALL questions.

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.

1. (a) **Outline** the costs and benefits associated with providing occupational services at the work place. [6]
- (b) **Outline** the roles and responsibilities of **four** members of a typical occupational health team. [4]
2. (a) With the use of relevant examples, **outline** the health effects associated with exposure to chemicals known to produce: [5]
 - (i) Acute effects
 - (ii) Chronic effects
- (b) With the use of relevant examples, **outline** the health effects associated with exposure to chemicals known to produce: [5]
 - (i) Local effects
 - (ii) Systemic effects
3. (a) **Outline** the particular vulnerabilities of children and young persons in the workplace. [6]
- (b) **Outline** an employer's responsibilities to children and young persons at work to ensure their health, safety and wellbeing. [4]
4. (a) **Outline** the main ill-health effects associated with the use of display screen equipment. [6]
- (b) With the use of relevant examples, **outline** how changes in activity and breaks can assist in preventing the ill-health effects associated with the use of display screen equipment. [4]
5. **Describe** the steps to take when undertaking an assessment of exposure to hazardous chemicals in the work place. [10]
6. **Outline** the sources, pathways and receptors that could exist for biological hazards encountered in **either** a municipal water treatment and sewage works **or** a hospital laboratory. [10]
7. (a) (i) Identify the main types of asbestos. [2]
- (ii) Outline the physical properties of asbestos associated with their use in buildings. [4]
- (b) **Outline** the main health effects associated with exposure to asbestos [4]

8. (a) **Identify** the main health effects associated with exposure to ionising radiation. [4]
- (b) **Outline** the factors that impact on the level and severity of exposure to ionising radiation sources. [6]
9. With the use of suitable occupational examples, explain how noise can cause damage to hearing. [10]
10. Outline the **main** environmental and personal factors that can be used to assess thermal comfort in the workplace. [10]

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