



WORKING PRACTICES, HAZARDS & CONTROLS

Friday 9th December 2022

Time allowed

Three hours

Instructions

- Ensure that you pay particular attention to words in **bold**.
- Write the question number next to each answer in your answer booklet.
- You are **not** required to rewrite the question in your answer booklet.

Information

- Different questions may carry a different number of marks.
- Marks for each question are shown in [].

Advice

- Read each question carefully before you start to answer it.
- Use the full time permitted and check all your answers.

Materials

- Notes or books are **not** permitted.
- Non-programmable calculators are permitted.



ICM

ANSWER ANY FIVE QUESTIONS FROM THE FOLLOWING EIGHT QUESTIONS

1. Describe the health and safety risks associated with each of the following groups within the workplace, including any regulations designed to help protect each:
 - Young employees
 - Expectant or nursing mothers
 - Employees with a disability
 - Lone employees

[20 marks]

2. The management of noise levels is set out within the Noise at Work 2005 regulations.
 - (a) Describe methods used to reduce excessive noise levels. Use examples to support your description. **[14 marks]**
 - (b) Evaluate the advantages and disadvantages of earplug use by employees. **[6 marks]**

3.
 - (a) Describe the hazards associated with hand-held electric drills. **[10 marks]**
 - (b) Explain the control measures used to reduce the risk of workplace injury whilst using hand-held electric drills. **[10 marks]**

4.
 - (a) Describe the hierarchy of control measures for working at height. **[5 marks]**
 - (b) Working on or near fragile surfaces is also covered by the Working at Height (2005) regulation.
Explain the causes of fragility in the context of roofs and surfaces. **[6 marks]**
 - (c) State **four** different types of access equipment. **[4 marks]**
 - (d) Describe the hazards associated with working with stepladders, trestles and staging. **[6 marks]**

5.
 - (a) Describe entry routes of hazardous substances into the human body. Use examples to support your description. **[8 marks]**
 - (b) Describe the risks from exposure to hazardous substances associated with work activities. **[8 marks]**
 - (c) Evaluate the benefits to employers and employees of Control of Substances Hazardous to Health Regulations 2002 (COSHH) regulations. **[4 marks]**

6. Suggest the contents of a manual for safely managing dangerous and flammable substances in the workplace, including reasons for your suggestions. **[20 marks]**

7. Suggest the contents of a training course about manual handling in the workplace, including reasons for your suggestions. **[20 marks]**

8.
 - (a) Describe the Confined Space Regulations (1997). **[6 marks]**
 - (b) Outline **three** examples of a specified risk. **[6 marks]**
 - (c) Describe **two** assessments a health and safety officer must complete before allowing an employee to work in a confined space. **[8 marks]**

END OF QUESTIONS