



WORKING ENVIRONMENT & OCCUPATIONAL HEALTH

Monday 12th 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. Working with electricity is classed as high-risk work.
 - (a) State what is meant by low voltage. [1 mark]
 - (b) Describe the steps for providing first aid to a person who has received an electric shock from low voltage. [9 marks]
 - (c) State the main risk of high voltage electrocution. [1 mark]
 - (d) Describe the required actions when providing first aid to a person who has received a high voltage shock. [4 marks]
 - (e) Describe the risks associated with electric arcing. [5 marks]
2.
 - (a) Explain what is meant by violence in the workplace. Use examples to support your explanation. [4 marks]
 - (b) Describe each of the **four** stages of the Health and Safety Executive's (HSE) action plan in the event of violence in the workplace. [16 marks]
3.
 - (a) Explain the circumstances in which employee health surveillance is required. [6 marks]
 - (b) Describe the purpose and methods of health surveillance in the workplace. [14 marks]
4.
 - (a) Outline **three** illnesses caused by the incorrect use of display screen equipment (DSE). [6 marks]
 - (b) Discuss the actions that employees can take to reduce illnesses associated with the incorrect use of display screen equipment (DSE). [14 marks]
5.
 - (a) Discuss the effects of alcohol misuse on employees' work. [10 marks]
 - (b) Explain the actions that must be taken by employers to protect employees abusing alcohol and the employees working with them. [10 marks]
6.
 - (a) Explain the procedure when an employee is exposed to asbestos. [10 marks]
 - (b) Describe the safe disposal of asbestos. [10 marks]
7. Discuss the reasons there is no maximum working temperature stipulated by the Workplace (Health, Safety and Welfare) Regulations 1992. [20 marks]
8.
 - (a) Explain the benefits to an organisation of managing work-related road safety. [10 marks]
 - (b) Explain the legislation requirements of an organisation for complying with hours of work and rest periods when driving abroad. [10 marks]

END OF QUESTIONS