



ICM

JUNE 2017

ACCIDENT & EMERGENCY PROCEDURES

Instructions to candidates:

- a) Time allowed: Three hours (plus an extra ten minutes' reading time at the start – do not write anything during this time)
 - b) Answer any FIVE questions
 - c) All questions carry equal marks. Marks for each question are shown in []
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1. Explain the following health and safety terms:
 - a) Accident
 - b) Dangerous occurrence
 - c) Hazard
 - d) Health
 - e) Near-miss
 - f) Occupational ill health
 - g) Environmental protection
 - h) Risk
 - i) Safety
 - j) Welfare[20]
 2.
 - a) Explain what **emergency procedures** are, what they involve and why they are important. [6]
 - b) Explore all emergency and rescue procedures that need to be considered when working on a construction site. [14]
 3. Risk assessment is part of the planning and implementation stage of the health and safety management system recommended by the HSE. All aspects of the organisation, including health and safety management, need to be covered by the risk assessment process.
 - a) Identify the FIVE steps of a risk assessment. [6]
 - b) Explain the European Council Directives' principles of prevention, which you would use when assessing the adequacy of existing controls. [14]
 4. A thorough investigation of an incident should look at certain key factors, as these can provide useful information about underlying and root causes that have been manifested in the incident/accident. Underlying causes are the less obvious system or organisational reasons for an accident or incident, whereas root causes involve an initiating event or failing from which all other causes or failings arise.
 - a) Identify FIVE factors that could be considered as underlying causes during a thorough investigation of an incident. [5]
 - b) Outline the causes or failings that are generally known to be root causes. [5]
 - c) Identify the questions that should be asked in order to check if relevant legal standards have been adhered to. [10]
 5.
 - a) Identify the definition of **first aid** as stated by the Health and Safety (First Aid) Regulations 1981, as amended in 2002. [4]
 - b) Describe what the employer shall provide, or ensure that there is provided, as outlined in Regulation 3 and 4 of the Health and Safety (First Aid) Regulations 1981, as amended in 2002. [14]
 - c) Identify when an appointed person will be sufficient in a first aid situation. [2]
 6. You are responsible for health and safety in a large shop with a warehouse. You want to ensure you have done everything you can to prevent fire and the possible spread of fire.
 - a) Explore all the considerations you will examine as part of a risk assessment of storage within your business. [10]
 - b) Identify actions that could be considered to reduce the risk of fire from storage issues in business premises. [10]

continued overleaf

7. a) Describe an emergency plan and how it would differ across different types of workplace. [12]
b) Explain how you would check and ensure everyone can escape from the workplace in a timely manner. [8]
8. Incidents and accidents rarely result from a single cause and many turn out to be complex.
a) Discuss how to decide on the right investigation method and which incidents/accidents should be investigated. [14]
b) Identify why investigations are best carried out by supervisors or line managers. [6]