



SEPTEMBER 2017

## PRINCIPLES OF CONTROL

### 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. An emergency plan is essential for businesses to have and it is not just about evacuating the premises if a fire breaks out.
    - a) Apart from fire, describe EIGHT scenarios that could affect a business when planning for emergencies. [8]
    - b) Outline the stages that a senior manager must follow when he is developing an emergency plan for the business. [12]
  2. Discuss the elements that a manager needs to consider when writing a method statement that will ensure safe working during the performance of a task in the workplace. [20]
  3. A manager has carried out a manual handling risk assessment in his department to reduce the risk of injury to his workers. Explain the control measures that need to be considered in reducing the risk. [20]
  4. As the director of a construction firm, you have a duty to provide a safe place of work for your employees and to protect other individuals when on site.
    - a) Identify the security measures required to ensure safety when the site is open. [10]
    - b) Examine what procedures would be required to ensure safety when the site is closed. [10]
  5. As a department manager, it is your responsibility to ensure the safety of working procedures and the workers carrying out those procedures.
    - a) Define a **permit to work system** that the workers may use. [6]
    - b) You are using a contractor to carry out some work within the building. Outline what the contractor must know and who should issue his permit to work. [8]
    - c) Identify the processes when a hot work permit would be required. [6]
  6. Safety signs are required where there is a significant risk to health and safety that has not been controlled by other means.
    - a) State the shape, colour categories and type of the FIVE main safety signs. [15]
    - b) Give FIVE examples of a safe condition sign. [5]
  7. Health and safety legislation requires employers to report accidents and provide first aid in the workplace.
    - a) Compare the difference between a RIDDOR (Reporting of Injuries, Disease and Dangerous Occurrences) report form and an accident book report form. [10]
    - b) Describe some of the types of accident and incident data an organisation might collect to control the risk on site more effectively. [10]
  8. A senior manager is putting in place a general hierarchy of control in the company to improve safety.
    - a) Excluding training and information, summarise the main points that come under the administrative controls. [12]
    - b) Under the headings of **training** and **information**, discuss what the company should provide. [8]