



SEPTEMBER 2015

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. When risks have been analysed and assessed, decisions can be made about workplace precautions.
    - a) Specify how employers can adapt the work to the individual. [10]
    - b) Explain what appropriate instruction employers would give to employees. [10]
  - 2. A safe system of work is essential for health and safety within an organisation.
    - a) Explain how a safe system of work should be properly documented. [10]
    - b) Discuss how a safe system of work should be monitored. [10]
  - 3. Briefly outline what a **permit to work system** is and give the responsibilities of a site manager. [20]
  - 4. Emergency procedures are a critically important part of the health and safety system.
    - a) Apart from fire, there are many other emergencies to be faced. Discuss briefly SIX other situations that could cause an emergency. [12]
    - b) Explain what emergency procedures will need checking on a regular basis. [8]
  - 5. Anyone who is affected by what is happening in the workplace will need to be given safety information.
    - a) Describe who should be given safety information and what information should be provided for people in the workplace. [10]
    - b) Discuss the ways in which the information provided can be given. [10]
  - 6. The control of risks is necessary to secure compliance with the requirements of the Health and Safety at Work Act and the statutory provisions.
    - a) Explain the THREE basic stages in establishing workplace precautions. [6]
    - b) Discuss how risk control should be prioritised. [14]
  - 7. The safe system of work should be based on a thorough analysis of the job or operation to be covered. Discuss the THREE main categories that can be adopted in safe systems of work and give examples. [20]
  - 8. A manager in charge of a company that has to have flammable or dangerous substances in store has to ensure control measures for fire risk purposes.
    - a) To reduce the risk, specify what control measures should be applied. [14]
    - b) Briefly discuss the THREE objectives that must be met when a building is designed that will prevent the risk of injury or damage from fire. [6]