



DECEMBER 2016

WORKING ENVIRONMENT & OCCUPATIONAL HEALTH

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. The arrangements for dealing with violence at work should be included in the safety policy.
 - a) Give the definition of **violence at work**. [2]
 - b) Describe the Health and Safety Executive's (HSE) four point action plan for violence. [8]
 - c) Explain how designing the environment could help prevent violence in the workplace. [10]
 2. Hazardous substances can have a harmful effect on the human body and mind.
 - a) Hazardous substances are classified according to the severity and type of hazard they present to employees. Summarise the main classifications of a hazardous substance. [12]
 - b) The most common industrial disease of the skin is dermatitis. Explain what this is and the TWO types that can occur. [8]
 3. An occupational health nurse has to check employees for exposure to hazardous substances in a factory environment.
 - a) Describe why the nurse would carry out health surveillance on employees. [10]
 - b) Explain how personal hygiene can help protect employees from many illnesses or diseases. [10]
 4. A manager has to look at the effect of static electricity build up on people, plant, processes and buildings and the consequences it could have around the factory. Discuss what could happen and why. [20]
 5. Employers have to ensure that employees are safe when using company transport.
 - a) A manager has to prepare a policy for driving company cars. Outline the rules he may consider. [10]
 - b) One employee drives a company lorry. Summarise what the manager would have to consider with regard to the load carried. [10]
 6. Asbestos is a dangerous material and has to be treated with caution.
 - a) State the regulations that cover the removal and disposal of asbestos waste. [4]
 - b) A manager has had confirmation that asbestos is in the workplace. Consider why an assessment is required and what should be done to the asbestos to ensure it is safe. [16]
 7. Vibration can have harmful effects on the human body if not controlled.
 - a) Describe some of the illnesses and diseases related to Hand-Arm Vibration Syndrome (HAVS) and Work Related Upper Limb Disorders (WRULDs). [10]
 - b) Discuss some of the reasons for back pain associated with Whole Body Vibration (WBV). [10]
 8. Alcohol can cause many problems for employers in the workplace. Before adopting a policy, examine what employers must put in place to help those affected. [20]