



ICM

SEPTEMBER 2015

WORKING PRACTICES, HAZARDS & CONTROLS

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.
 - a) Identify the actions an employer should take at workplaces where dangerous substances are present or could be present, according to the DSEAR. [4]
 - b) You are tasked with putting in some control measures for the dangerous substances at your place of work. List the EIGHT control measures you will apply. [16]
 2. A member of staff who developed a musculoskeletal injury at work is returning to his job in one of the offices this morning. As the health and safety officer you need to check his workstation is set correctly for him in a back to work assessment of risks. Describe the checks you would make. [20]
 3. As the health and safety officer, you are writing some guidelines for the staff using hand-held tools.
 - a) Identify FIVE basic safety rules, which can prevent hazards associated with the use of hand-held tools. [10]
 - b) Identify TEN items you would include on a checklist issued to staff using portable electrical hand tools. [10]
 4.
 - a) Describe the hierarchy of controls you can take, as the health and safety manager, to protect employees from the effects of working outdoors in the sun. [10]
 - b) List THREE methods of protecting employees from radiation. [3]
 - c) Identify SEVEN other methods you could employ to protect the staff from ionising radiation. [7]
 5.
 - a) Explain what is meant by the term **working at heights**. [6]
 - b) As the health and safety officer, you need to carry out a risk assessment for employees working at height. It has been established that it is not possible to avoid working at height. Evaluate the issues you would be considering as part of your assessment. [9]
 - c) Your employees are responsible for replacing a roof. Describe FIVE elements that might cause the roof to be fragile. [5]
 6. As the health and safety officer it is your job to ensure there are no risks to the health and safety of people who use the premises.
 - a) Identify why visitors may be more at risk than employees. [12]
 - b) Describe the actions you could take to overcome these risks. [8]
 7.
 - a) Identify when the issue of personal protective equipment should be considered. [2]
 - b) Outline the principle requirements of the Personal Protective Equipment at Work Regulations. [14]
 - c) List the FOUR types of PPE. [4]
 8.
 - a) Identify EIGHT preventative and precautionary measures you would use to control ill-health effects of vibration. [16]
 - b) Describe FOUR symptoms of hand-arm vibration. [4]