



ICM

SEPTEMBER 2015

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.
 - a) Identify THREE reasons to show that incident/accident investigation is based on logic. [6]
 - b) Describe the legal reasons for conducting an investigation after an accident/incident. [6]
 - c) Evaluate the benefits of investigating accidents/incidents. [8]
 - 2.
 - a) You have evaluated the fire risk and its prevention in the restaurant you are working for. Identify FOUR control measures you should have considered. [4]
 - b) Outline the main causes of fire within an industrial kitchen. [6]
 - c) Explain how the risk of fire from cooking processes could be reduced. [10]
 - 3.
 - a) In making a decision on the adequacy of means of escape for use during evacuation, describe the THREE points that should be considered. [6]
 - b) Evaluate the various items, building plans and specifications for your organisation that you would include to help rescue services in the event of fire, and to keep your fire risk assessment and emergency plan under review. [14]
 - 4.
 - a) Your college has 180 students and 73 staff on campus at any one time. Having carried out a risk assessment and decided on a category of risk, describe the first aid provision that should be available at all times. [5]
 - b) Evaluate aspects to be considered in the planning of first aid provision when looking at specific risks in the workplace. [15]
 - 5.
 - a) State FOUR methods of extinguishing fires. [4]
 - b) Examine the positives and negatives of installing a sprinkler system. [16]
 - 6.
 - a) An investigation should look at the following factors, as they can provide useful information about immediate causes that have manifested in the incident/accident. Outline:
 - i personal factors [3]
 - ii task factors [4]
 - b) List THREE general failings that are at the root cause of all incidents/accidents. [3]
 - c) With the aid of an example, determine the method you would use to achieve a simple root cause analysis. [10]
 - 7.
 - The local school is holding a fete to raise money for equipment. The organiser has employed you to look at the fire precautions and means of escape in case of fire.
 - a) Identify the factors which will dictate the scale of requirements. [10]
 - b) You have been given a basic layout plan of the school and its site. Describe the information you will need to add to this plan for it to form the basis of the displayed fire evacuation diagram. [10]
 - 8.
 - a) Evaluate the duties of the supervisor or fire marshal in the event of a fire. [12]
 - b) Discuss the important features of an assembly point and roll call. [8]