

2015 Associate examination

Sample Questions

Fire Fighting with Foam QFF, Module 6 Topic 3

- 1 (a) List three ways in which foam suppresses a fire and identify which side of the fire triangle is eliminated? *5marks*
- 1 (b) What are five advantages of using Class A foam to extinguish fires? *5marks*
- 1 (c) What are five advantages of using Class B foam to extinguish fires? *5marks*
- 1 (d) What are the potential hazards when working with foam ? *5marks*

Scene preservation QFF, Module 6 Topic 5

- 2 (a) What key control measures should be taken to preserve a fire scene for any subsequent investigation? *5marks*
- 2 (b) What key observations do you need to have made and noted before the arrival of an investigator? *5marks*
- 2 (c) List five key fire scene hazards and an example of each? *10 marks*

How to identify hazardous materials QFF, Module 7 Topic 1

- 3 (a) Hazardous material can be identified by a number of names, list them? *5marks*
- 3 (b) List five of the different systems or codes that are used to identify hazardous materials? *5marks*
- 3 (c) What key data is provided by the HAZCHEM code? *5marks*
- 3 (d) Draw a United Nations class label and detail the key information provided? *5marks*

Multi-choice examples:

- 4 What is the temperature at which fuel catches fire (ignites) QFF, Module 6 Topic 2
- a) Spontaneous combustion
- b) Spontaneous ignition
- c)* Ignition temperature
- d) Self combustion
- 5 What UN hazard class is given to corrosives? QFF, Module 7 Topic 1
- a) 1
- b) 6
- c)* 8
- d) 4

- 6 What does the number in the HAZCHEM code tell the responder? **QFF, Module 7 Topic 1**
- a) The hazard class of the product
 - b) The state of the product
 - c) the number of containers
 - d)* The type of fire fighting medium to use
- 7 At a hazardous substances emergency, what zone is used to carry out decontamination? **QFF, Module 7 Topic 3**
- a) Hot Zone
 - b)* Warm Zone
 - c) Cold Zone
 - d) Traffic exclusion zone
- 8 An encapsulating gas tight suit is better known as? **QFF, Module 7 Topic 5**
- a) Level 1
 - b) level 2
 - c) level 3
 - d)* level 4
- 9 What is the maximum working pressure of 45mm, 70mm and 90mm hose? **QFF, Module 7 Topic 1**
- a) 700kPa
 - b) 1200kPa
 - c) 1450kPa
 - d)* 1050kPa
- 10 Which type of line must be used for rescue purposes in the NZFS? **RFF, Module 7 Topic 1**
- a) Braided line
 - b)* Kernmantle line
 - c) General Purpose line
 - d) Bucket Line
- 11 The knot used to tie each set of couplings to the other on suction hose is? **RFF, Module 8 Topic 1**
- a) Round Turn and Two Half Hitches
 - b)* Half Hitch
 - c) Figure of 8
 - d) Clove Hitch
- 12 The hose required to correctly set up a B Type ejector pump is ? **RFF, Module 8 Topic 2**
- a) 45mm in and 70mm out
 - b) 45mm in and 45mm out
 - c)* 70mm in and 70mm out
 - d) 70mm in and 45mm out