

L4C7



THE INSTITUTION OF FIRE ENGINEERS
Founded 1918 • Incorporated 1924

IFE Level 4 Certificate in Fire Science and Fire Safety (HL)

**Unit 7: Civil Emergency and Disaster
Management (A/505/5937)**

Thursday 10 March 2016

14:30 – 17:30

Instructions to Candidates

1. The time allowed for this examination is **THREE** hours.
2. Candidates should answer **SIX** questions from the total of **EIGHT** questions set for this examination.
3. All questions carry equal marks and may be answered in any order. Candidates should follow the instructions provided in the question when composing their responses.
4. Candidates should record all of their answers in the answer book provided.
5. The question paper must be handed in with the answer book.

Question 1

In relation to Major Accident Hazard on-site and off-site emergency planning, describe the aspects to be included in an off-site emergency plan.

(20 marks)

Question 2

a) Describe the types of information that will be required by emergency services in the initial stages of a major incident.

(9 marks)

b) Using a diagram, describe the areas of organisation at the scene of a major incident.

(11 marks)

Question 3

a) Describe the key training topics which underpin the planning objectives in disaster preparedness. Show how each topic is relevant to disaster management.

(12 marks)

b) Describe two types of joint exercises that emergency services may undertake, explaining the advantages and disadvantages of each.

(8 marks)

Question 4

Describe the phases of a Disaster Management Cycle in detail. Illustrate your answer with a diagram showing the phases.

(20 marks)

Question 5

a) The military can have a role during a disaster. Explain the types of assistance that can be given to emergency services in the event of a disaster involving a major landslide upon an inhabited area.

(10 marks)

b) Explain the assistance that industrial and commercial organisations can provide to the emergency services during the planning for major disasters.

(10 marks)

Question 6

- a) Define the conditions that can cause Post Traumatic Stress Disorder (PTSD). (4 marks)

 - b) Describe the symptoms of PTSD. (8 marks)

 - c) Define 'critical incident' and describe the categories of victims that may be affected by a disaster. (8 marks)
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Question 7

Describe the needs of the media in the early stages of civil disasters and explain how you would engage with, and manage, the media. (20 marks)

Question 8

In relation to disaster management, identify and describe the typical activities of emergency responders at a major disaster. (20 marks)
