



**UNIVERSITI KUALA LUMPUR**  
**MALAYSIA FRANCE INSTITUTE**

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**FINAL EXAMINATION**  
**JANUARY 2014 SESSION**

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**SUBJECT CODE** : FWD 23303  
**SUBJECT TITLE** : WELDING SAFETY  
**LEVEL** : DIPLOMA  
**TIME / DURATION** : 2.5 HOURS  
**DATE** :

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**INSTRUCTIONS TO CANDIDATES**

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1. Please read the instructions given in the question paper **CAREFULLY**.
  2. This question paper is printed on both sides of the paper.
  3. Please write your answers on the answer booklet provided.
  4. Answer should be written in blue or black ink except for sketching, graphic and illustration.
  5. This question paper consists of **TWO (2)** sections, section A and B. Answer **ALL** questions in section A, for section B, answer **TWO (2)** questions only.
  6. Answer all questions in English.
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**THERE ARE 2 PRINTED PAGES OF QUESTIONS, EXCLUDING THIS PAGE**

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**SECTION A (Total: 60 marks)****INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**

- (a) Explain **SIX (6)** important definitions about risk management?  
(12 marks)
- (b) Describe **FOUR (4)** types of hazard and give an example each of them?  
(8 marks)

**Question 2**

- (a) Explain **TWO (2)** the objective of accident investigation?  
(4 marks)
- (b) List **FIVE (5)** specific purpose notifications and reporting of accident?  
(10 marks)
- (c) Describes **THREE (3)** accident prevention to avoid or reduce its consequences?  
(6 marks)

**Question 3**

- (a) Distinguish **FOUR (4)** who should conduct inspection and what should be inspected in workplace inspection?  
(16 marks)
- (b) List down **FOUR (4)** example of jobs requiring permits?  
(4 marks)

**SECTION B (Total: 40 marks)****INSTRUCTION: Answer TWO (2) question only****Please use the answer booklet provided.****Question 1**

- (a) List down **SIX (6)** emergency situation commonly occur at workplace? (6 marks)
- (b) Describes **TWO (2)** types of general act legislation? (4 marks)
- (c) Explain what is compressed gas? (3 marks)
- (d) List down **SEVEN (7)** hazards presented by compressed gases? (7 marks)

**Question 2**

- (a) List **FIVE (5)** examples of confined space? (5 marks)
- (b) List **SEVEN (7)** the main hazards of confined spaces? (7 marks)
- (c) Explain introduction of fire safety in welding and give an example common cause of fire? (8 marks)

**Question 3**

- (a) Distinguish definition of fumes and gases in welding? (12 marks)
- (b) Explain types of gases will produced by product of welding? (8 marks)

**END OF QUESTION**