



UNIVERSITI KUALA LUMPUR
MALAYSIA FRANCE INSTITUTE

FINAL EXAMINATION
JULY 2010 SESSION

SUBJECT CODE : FID 26002
SUBJECT TITLE : INDUSTRIAL SAFETY MANAGEMENT
LEVEL : DIPLOMA
TIME / DURATION : 3.00pm – 5.30pm
(2.5 HOURS)
DATE : 12 NOVEMBER 2010

INSTRUCTIONS TO CANDIDATES

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 one (1) question only.
 6. Answer all questions in English.
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THERE ARE 3 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

Describe briefly of the term below:

(5 Marks)

i. Risk _____

ii. Hazard _____

Question 2

What are the three basic causes of accidents, and give the examples

(15 Marks)

1) _____

2) _____

3) _____

Question 3

How to determine Corrective Action in Incident Investigation?

(5 marks)

Question 4

What are the typical OSH-MS components?

(15 marks)

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Question 5

List the item in which condition does the PPE is suitable to protected. (5 marks)

Question 6

Define the term "First Aid by International" Labour Organisation (10 marks)

Question 7

Who is the representative authorised enforcement body for Occupational Safety and Health Act in Malaysia? (5 marks)

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SECTION B (Total: 40 marks)

INSTRUCTION: Answer ONE (1) question only.

Please use the answer booklet provided.

Question 1

Cutting and welding fires can be prevented by eliminating or protecting all combustibles in the welding area. Welding arcs or oxy fuel gas flames rarely cause fires when used in areas designed for welding and cutting. Fire and explosion hazards should be considered from two points of view: welding in designated areas and welding with portable equipment in all other areas. Describe the list below to prevent fire and explosion hazards in welding industries.

- a) Hot work permits (10 marks)
- b) Welding in containers (10 marks)
- c) Fuel gases (10 marks)
- d) Safe works areas (10 marks)

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Question 2

Welding is a joining process in which metals, or sometimes plastics, are heated, melted and mixed to produce a joint with properties similar to those of the materials being joined. There has a specific welding processes need to do to complete joining between metals. List the safety precautions for specific welding process such as:

- a) Underwater welding (10 marks)
- b) Automated brazing and soldering (10 marks)
- c) Resistance welding (10 marks)
- d) Electron Beam welding (10 marks)

END OF QUESTION