



**UNIVERSITI KUALA LUMPUR
Malaysia France Institute**

**FINAL EXAMINATION
JANUARY 2014 SESSION**

SUBJECT CODE : FGB 40203
SUBJECT TITLE : SAFETY MANAGEMENT
LEVEL : BACHELOR
TIME / DURATION : 2 HOURS
DATE :

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 paper consists of FIVE (5) questions. Answer any FOUR (4) questions only.**
 - 6. Answer all questions in English.**
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THERE ARE 3 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

INSTRUCTION: Answer FOUR (4) questions only.

Please use the answer booklet provided.

Question 1

- (a) State three (3) factors that contribute to accident and briefly explain each factor. (6 marks)
- (b) List the procedures in implementing the corrective and preventive action. (6 marks)
- (c) List three (3) examples of Personal Protective Equipment (PPE). (3 marks)
- (d) State the definition of ergonomics. (2 marks)
- (e) State three (3) Philosophies of Risk Management. (3 marks)
- (f) Most of the disease that could occur when there is no housekeeping is skin problem, lug problem and eye problem. Briefly explain those factors and give the example to prevent it from happen. (5 marks)

Question 2

- (a) Give three (3) hazards associated with machine. (3 marks)
- (b) Give the definition of “near miss” and injury. (4 marks)
- (c) Explain the procedures of improvement in housekeeping and physical arrangement. (5 marks)
- (d) Explain the characteristics of load which may present a hazard (3 marks)
- (e) State two (2) principles of incident prevention. (2 marks)

- (f) State three (3) factor need to be considered when making the housekeeping plan and schedule. (5 marks)
- (g) List three (3) management responsible. (3 marks)

Question 3

- (a) In summary, incident in the workplace is largely caused by lack of management control. Briefly explain the common causes that contribute to this statement. (5 marks)
- (b) Machine have various hazard that could lead to serious injury or accident. Give your opinion on how to prevent the accident. (5 marks)
- (c) State three (3) main risk factors of manual handling. (3 marks)
- (d) Why is it important to record all pertinent evidence relating to an accident immediately after an accident has occurred? (4 marks)
- (e) Explain the purpose of using Personal Protective Equipment (PPE). (2 marks)
- (f) Describe four (4) elements to be considered for an effective PPE? (4 marks)
- (g) Explain the relation between ergonomics and safety and give the examples. (2 marks)

Question 4

- (a) State three (3) benefits of an ergonomic program and explain each benefit. (6 marks)
- (b) State two (2) purposes of head protection and give examples. (4 marks)

- (d) In your opinion, why needs to investigate an incident?
(4 marks)
- (e) What is shearing hazard and what is the safety precaution needs to be consider when expose to this hazard?
(3 marks)
- (f) State the accident factors due to lack of housekeeping at the workplace.
(4 marks)
- (g) List four (4) common types of musculoskeletal disorders (MSD's).
(4 marks)

Question 5

- (a) State three (3) types of machinery hazard and briefly explain each type of it.
(6 marks)
- (b) List three (3) types of accident that occur due to lack of housekeeping and explain each types of it.
(6 marks)
- (c) State three (3) types of Hazards.
(3 marks)
- (d) Explain two (2) of risk factors and causes of musculoskeletal disorders (MSD's).
(4 marks)
- (e) State two (2) purposes of Risk Assessment.
(4 marks)
- (f) List two (2) activities that could causes of injuries in manual handling.
(2 marks)

END OF QUESTION